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WATERCOURSE ALTERATION PROGRAM
FIELD INSPECTION PROGRAM - 1987

by

JAMES TERRY

EMPLOYMENT AND IMMIGRATION CANADA
JOB CREATION PROGRAM - SECTION 38
AGREEMENT NUMBER 4009 HE 8

SPONSORING AGENCY
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NEW BRUNSWICK DEPARTMENT OF
NATURAL RESOURCES & ENERGY,
FISH AND WILDLIFE BRANCH

DECEMBER, 1987

88-03489/

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INTRODUCTION

The protection of our lakes and rivers is of major concern to New Brunswickers. Sport fishing contributes over 50 million dollars of direct revenue into the province. To disrupt or destroy this source of revenue would have a serious effect on localized economies throughout the province.

Watercourse alterations are becoming more frequent as man moves further into the wilderness for recreation, natural resource materials and living space. In the process, we cross or make alterations to various watercourses. All such alterations require a Watercourse Alteration Permit. The purpose of the permit is to ensure that no unnecessary damage is caused to the natural flow of the watercourse or water quality and that the change has a minimal effect fish habitat.

Permitting watercourse alterations falls under Section 32 of the Clean Environment Act, Regulation 82-233. This act was passed in 1975 and superseded the Water Authority program administered by the Department of Natural Resources and Energy. The regulations cover all aspects of a watercourse alteration from what is deemed necessary in an application for a permit through compliance with guidelines and penalties for infractions.

The permitting system lays down conditions of approval of the alteration. These are guidelines that must be followed to ensure the alteration is in compliance with provincial and federal regulations. Failure to follow the guidelines may lead to prosecution, fines and the additional cost of correcting the infraction.

Over the past several years the Department of Natural Resources and Energy has been concerned whether the conditions of permits issued were being followed by the applicant, however, manpower and funds were unavailable. During the summer of 1987 a program sponsor was found. The Fredericton Fish and Game Association kindly acted as sponsor under the Unemployment Insurance Act, Section 38 - Job Creation Program. This is a program designed to provide opportunities for unemployed workers to maintain and utilize their work skills during periods when they are laid off and without alternative productive activity. The Department of Natural Resources and Energy agreed to train the inspector, provide a vehicle and other logistical support.

METHODS

A representative sample of 40 permits (12% of the total) that were processed for the year 1987 as of July 31 were randomly selected for inspection. Ten additional sites were selected from a list provided by Water Resources Branch.

Once the number of sites was determined, a computer program was developed using D-Base III Plus to record the sites that were inspected and other information collected during the project. Pictures were taken of each site to develop a permanent record of each alteration.

Since no form was available that adequately covered all of the parameters that both the Department of Natural Resources and Energy (DNR&E) and the Department of Municipal Affairs and Environment (DMA&E) wanted investigated, a composite form was developed combining a Watercourse Alteration Inspection form from DMA&E and a Fish Habitat Inspection form from DNR&E. This form provided a comprehensive evaluation of the watercourse alteration site from the different viewpoints of both departments.

Site visits consisted of measurement and documentation of the following site parameters: name, address and telephone number of the applicant, name of the watercourse, observed bottom material, quality of spawning and nursery area, etc. After all of the areas of concern were evaluated, pictures were taken for future reference and are a part of the permanent site record. If any further action was deemed necessary, a full report was sent to the Water Resources Branch of the Department of Environment with recommendations of suggested course of action to be taken.

Individual site inspection reports are presented in Appendix A.

RESULTS

The map of New Brunswick (Figure 1), shows the sites that were selected for inspection. As indicated, the sites range from Bathurst in the north, McAdam in the southwest, to Richibucto in the east. There was no deliberate attempt to single out any specific region or applicant. Figure 2 is a graphic display of the number of watercourse alteration proposals that were processed from 1978 to 1986.

The form used for each watercourse alteration is shown in Table 1. This form is a combination of a Stream Habitat Assessment form from DNR&E and a Watercourse Alteration Inspection form from Water Resources Branch, DMA&E. The form covers all appropriate parameters

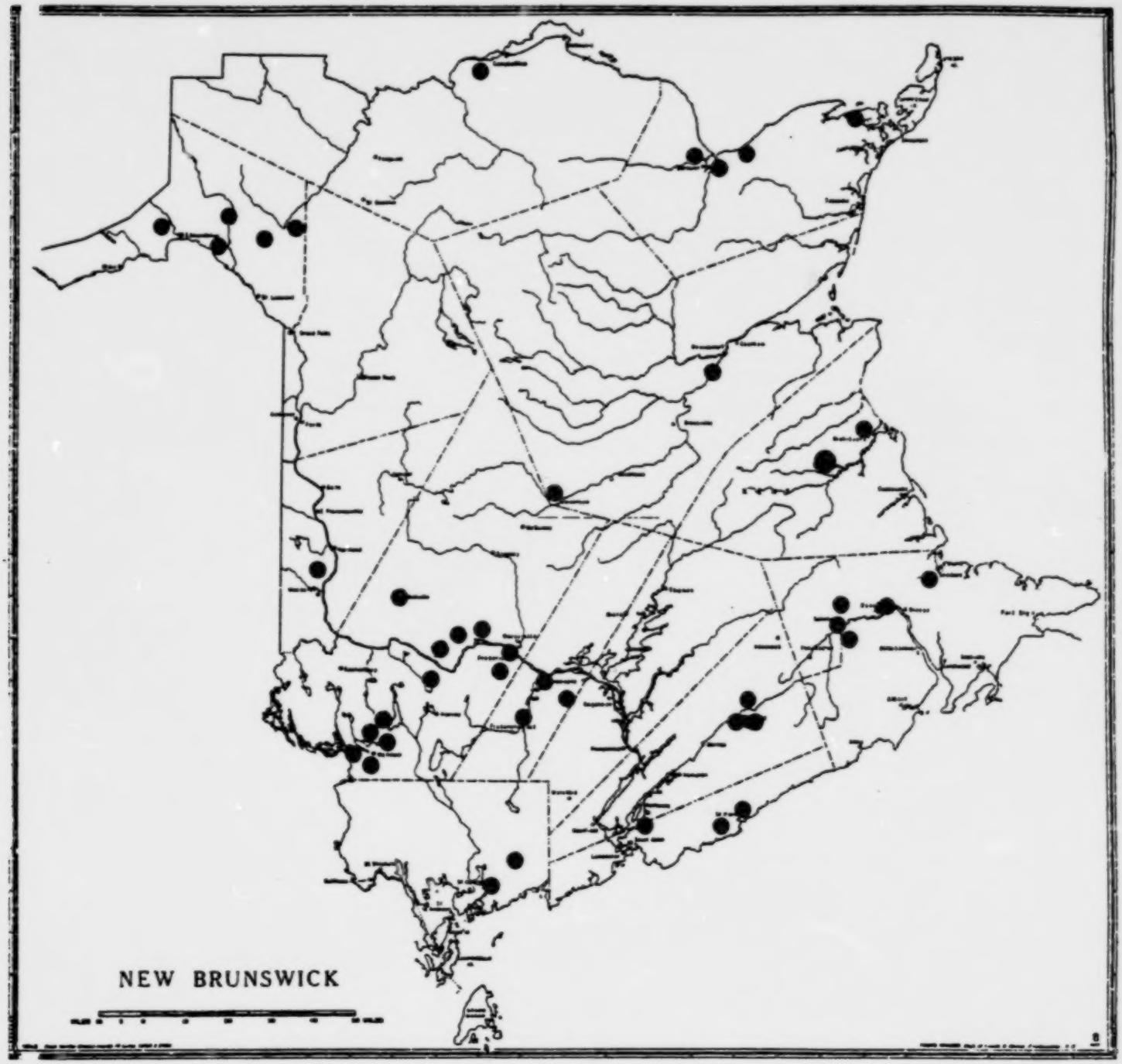

Figure 1. Location of Watercourse Alteration Permits selected for inspection, 1987.

Alteration Number: _____

Type: _____ Region _____

Inspected By: _____ Date: _____

Applicant: _____ Phone #: _____

Address: _____

Name of Watercourse: _____ Tributary: _____

County: _____ Parish: _____

Type of Inspection:
___ General
___ "No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
___ Prior to Disturbance
___ During Disturbance
___ After Disturbance

Work Site Description:
Section Type: __ Riffle
_ Run
_ Pool - Max. Depth: _____
_ Other: _____

Section Length: _____m
Bank to Bank Width: _____m
Average Depth: _____m
Est. Water Flow: _____m3/s
Avg. Width of Channel: _____m

Water Level:
__ Low
__ Medium
___ High

Water Clarity:
___ Clear
___ Cloudy
___ Muddy

Water Color:
___ Dark Brown
___ Light Brown
___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detritus: composed of small organic particles like sawdust, sticks, leaves, etc.		_____
clay: no structure, greasy feel between fingers		_____
silt: 0.005 - 0.05mm; dust size		_____
sand: 0.025 - 2.5mm, gritty texture		_____
gravel: 5.0 - 53mm; pea size to fist size		_____
rubble: 53 - 180mm: fist size to head size		_____
boulder: 460mm and larger		_____

Shoreline Description: _____

Spawning Area
Type:
___ Salmonid
___ Warmwater

___ Good: _____m
___ Fair: _____m
___ Poor: _____m

Nursery Area
Type:
___ Salmonid
___ Warmwater

___ Good: _____m
___ Fair. _____m
___ Poor. _____m

Water Temperature: _____C

Air Temperature: _____C

Bank Cover:
__ Open
___ Medium
___ Dense

Shoreline Condition:
___ Grasses
___ Shrubs
___ Trees
___ Eroding Bank

Height of Bank Viewing Downstream: Left _____m Right _____m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No ___Unknown

If so describe _____

Is this site typical of the adjacent stream area? ___Yes ___No

Other Information Taken:
___ Water Samples ___ Photographs ___ Fish Samples
___ Aquatic Insects ___ Violation Report Completed

Comments and Recommendations: _____

Action Taken:
___ Further Inspection On: _____
___ Contacting Owner
___ Alerting DPO
___ Alerting DWR
___ No Further Inspection

Table 1. Watercourse Alteration Site Evaluation Form

necessary for the assessment of stream habitat, such as a description of the worksite, water clarity and color, water temperature, bottom material, spawning and nursery area etc.

The form also indicates what type of alteration is being requested, who is making the application, the name and tributary of the watercouse being altered and the parish in which the alteration is taking place.

Watercourse alterations are broken down into five different catagories (Table 2). They are major and minor obstructions, major and minor modifications, protective works, removal of works and drainage of ponds, lakes or swamps. Each of these catagories is further broken down into types of alterations.

Dams and barrages for example, are classified as major obstructions and are assigned the catagory 1A, water control structures are 1B, causeways are 1C, bridges, constrictions, breakwaters, culverts and pipe arches are assigned 1D, 1E, 1F and 1G respectively.

The different types of alterations in relation to the total number of sites inspected are shown in Figure 3. Bridges (1D), represented 17 (40%), of the total number of alterations inspected. A majority of applications for bridges were made by lumber companies to access more land for timber harvesting. All of the bridges that were inspected conformed to the bridge installation guidelines with good erosion control on the banks of the stream. Many companies had to revert from seeding the exposed banks to rock rip rap on the banks due to the lack of rain during the summer of 1987 hindering seed germination.

Culverts, or 1G, represented 12 (29%) of the total numbers of inspections. A majority of these applications were also made by lumber companies. Culverts were used when a watercourse possessed a small enough drainage basin to handle the required flow instead of a bridge. The Department of Transportation was the other major applicant for culvert alteration permits.

Stream diversions (2B) and by - pass ponds (2G), were the third most common stream alterations representing 8, (7%) respectively. Most of the applications for stream diversions came from construction companies who were building new subdivisions and had a small stream flowing through the subdivision. The applicants for by - pass ponds were made by private citizens who wanted to raise fish for their own recreational use or as a commercial venture.

Dams (1A), Water Control Structures (1B), Causeways (1C), Breakwaters (1F), Debris Removal (2D), Pipeline Crossings and Water Intake Structures (2F), Pool Creation (2H) and Erosion Control (3A), comprised 17% of the remaining inspections. These were made by private citizens or by organizations, such as Ducks Unlimited, who were interested in improving a particular portion of a stream or marsh for waterfowl habitat.

TABLE 2. APPLICATION REVIEW REQUIREMENTS

CATEGORY	GROUP	TYPE	REGULATORY & ADVISORY	REGULATORY ONLY	REQUIRED DOCUMENTATION
OBSTRUCTIONS		MAJOR			
1	A	Dams and Barrages	X		Specifications Engineering scale drawings (plan, profile, x-section)
1	B	Water control structures	X		Specifications Engineering scale drawings (plan, profile, x-section)
		Aboideaux	X		
		Fishways	X		
		Flumes	X		
		Aquaducts	X		
		Sluiceways	X		
		Spillways	X		
		Weirs	X		
		Fish screens	X		
		Navigation Locks	X		
1	C	Causeways	X		Drawings to scale (plan, profile, x-section)
OBSTRUCTIONS		MINOR			
1	D	Bridges		X	Drawings to scale (plan, profile, x-section)
1	E	Constrictions		X	Drawings to scale (plan, profile, x-section)
1	F	Breakwaters Wharves Land Extensions		X	Drawings to scale (plan, profile, x-section)
1	G	Culverts and Pipe arches		X	Dimensioned sketches showing size, alignment and slope

TABLE 2 ... con't

CATEGORY	GROUP	TYPE	REGULATORY & ADVISORY	REGULATORY ONLY	REQUIRED DOCUMENTATION
MODIFICATIONS		MAJOR			
2	A	Dredging	X		Engineering scale drawings (plan, profile, x-section)
2	B	Canals Cutoffs Channelization Diversions Re-routing River adjustment	X		Bed material analysis Engineering scale drawings (plan, profile, x-section)
2	C	Settling ponds Channel Cleaning	X		Dimensioned sketches
MODIFICATIONS		MINOR			
2	D	Debris removal Tree and Brush removal within 10 metres of bank		X	Dimensioned sketches Full description
2	E	Landing stages Fords Beaches		X	Dimensioned sketches Full description
2	F	Instrument pools and wells Pipe line crossings Water intake structures		 X	Drawings to scale (plan, profile, x-section)
2	G	By-pass ponds, Farm ponds, dugout type		X	Drawings to scale (plan, profile, x-section)
2	H	Pool restoration Rock placement Pool creation	X		Drawings to scale (plan, profile, x-section)

TABLE 2 ... con't

CATEGORY	GROUP	TYPE	REGULATORY & ADVISORY	REGULATORY ONLY	REQUIRED DOCUMENTATION
PROTECTIVE WORKS					
3	A	Erosion Control Including; rip-rap, gabions, crib work		X	Dimensioned sketches and full description
3	B	Floodways, floodwater diversion channels Flood Protection works	X		Bed material analysis Engineering scale drawings (plan, profile, x-section)
REMOVAL OF WORKS					
4	A	Obstructions including those listed 1A and 1C		X	Drawings to scale (plan, profile, x-section)
4	B	Minor obstructions and Alterations to environment 1D to 2H		X	Dimensioned sketches and a description of works.
DRAINAGE					
5	A	Draining of ponds, lakes and swamps	X		Drawing to scale and a description of proposed changes
5	B	Miscellaneous drainage changes		X	Dimensioned sketches and a full description of proposed changes
5	C	Subdivisions and alignment	X		Drawing to scale and a full description of proposed changes

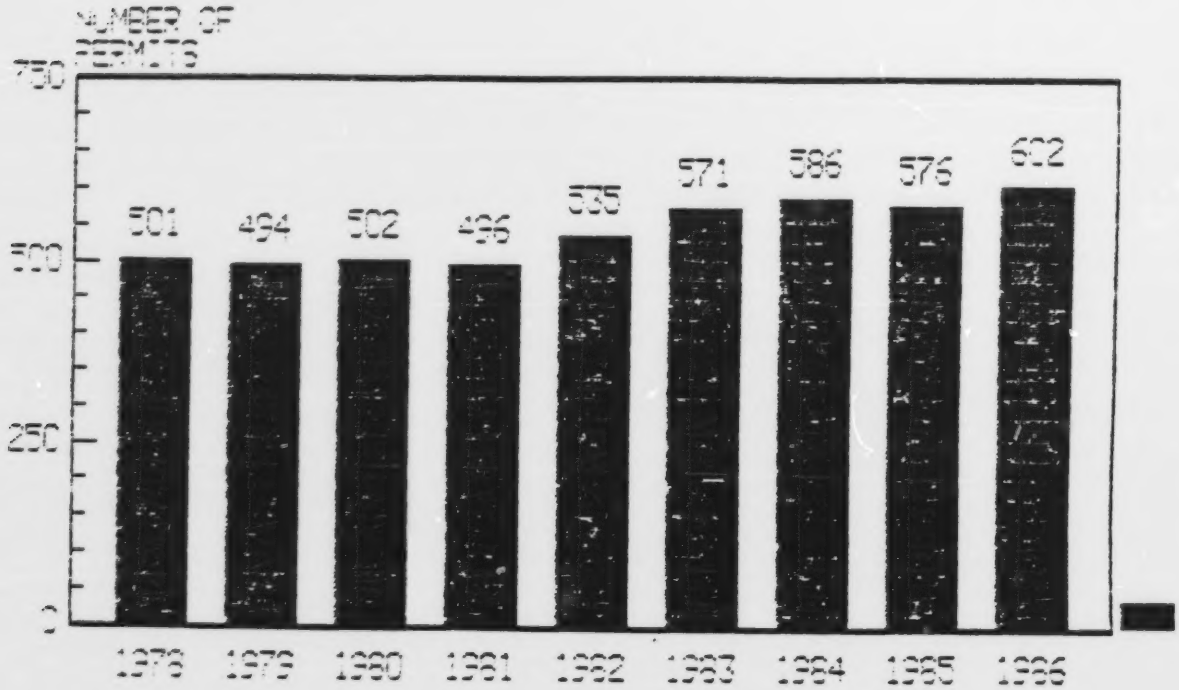

Figure 2. Number of Watercourse Alteration Applications processed by Municipal Affairs and Environment, 1978 - 1986

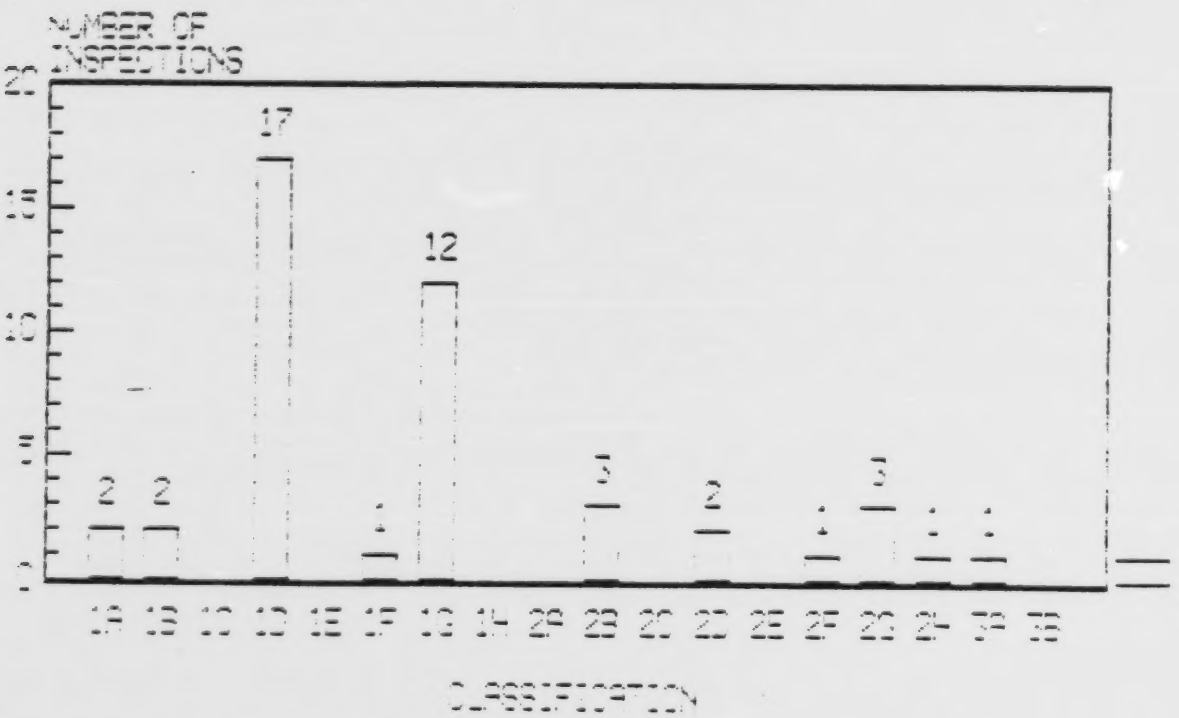

Figure 3. Classification of Watercourse Alteration Permits inspected in 1987

Figure 4 shows the number of sites that were inspected according to the timing of the inspection. The purpose of the program was to inspect the sites during and after the alteration to check compliance with the permit. Over half of the inspections were done after construction was completed. Inspections done before and during the alteration were evenly divided.

The number of sites with problems is shown in Figure 5. It reveals that a majority of the alterations that were selected for inspection had no problems. Alterations with one problem, mainly bank stabilization, ranked second and sites with two problems were third. Only one site had three or more problems with compliance.

DISCUSSION

Using the number of applications that were processed in 1986 and the numbers dealing with sites with problems, an indication of how many applicants are complying with the permit can be estimated.

The number of sites with the potential of having no problems is 319 or 52% of the total of 602 applications. The alarming statistic is that 283 or 48% of the sites may have one or more problems with compliance. This would indicate that fish habitat degradation is occurring at an alarming rate and that serious consideration should be given to establishing a more thorough inspection program, with associated manpower and funding.

One of the problems encountered during the inspection of the stream alterations is the lack of a suitable site identification included with the permit. Many applications possess a hand drawn map, often difficult to decifer. All the applicant may have shown is the section of the stream to be altered, causing problems for both Water Resources Branch and DNR&E in decifering where the alteration is to take place. Other applications may enclose a topographic map depicting where the project is located but not showing roads into the site. The inspector then has to contact the applicant and find out whether or not the site can be accessed by road or by foot. This may be further complicated if the applicant works during the day and cannot be reached.

The lack of rain during a major portion of the summer of 1987 caused a problem for some applicants. This uncontrollable factor could not be taken into account since 1986 had more than the normal amount of rain during the summer compared to 1987. Many of the applicants had planned on seeding disturbed soil near the alteration to stabilize banks but the lack of rain either slowed the growth of grass or prevented germination altogether.

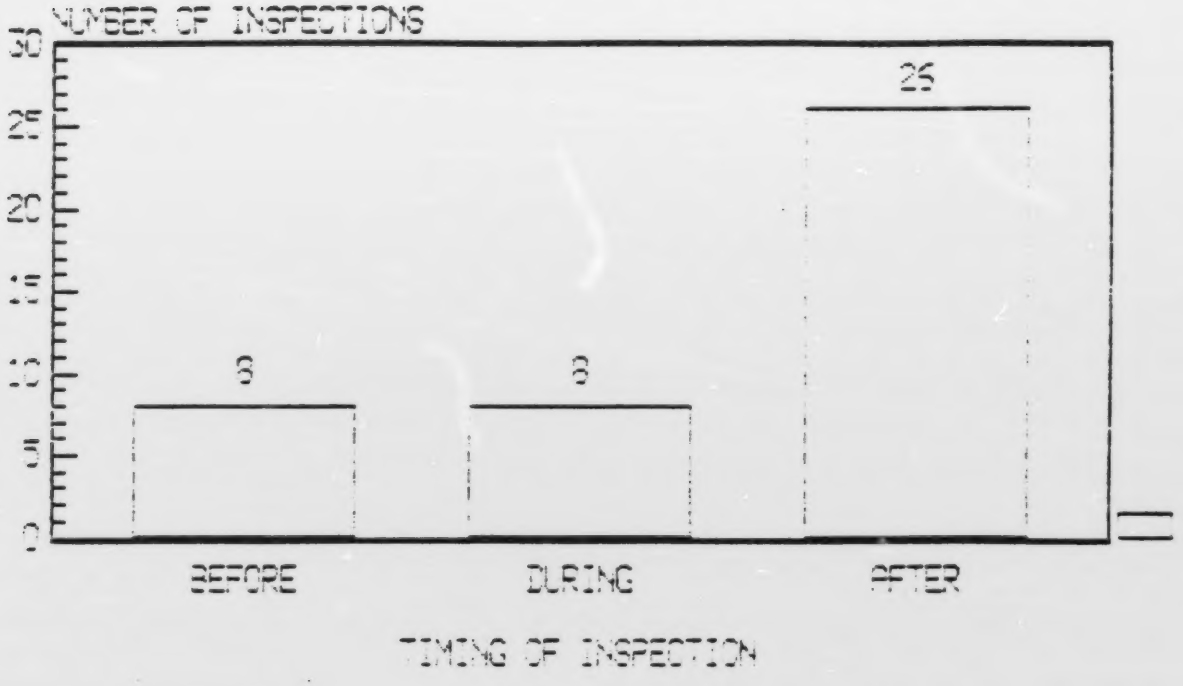

Figure 4. Number of sites visited during the project according to timing of inspection.

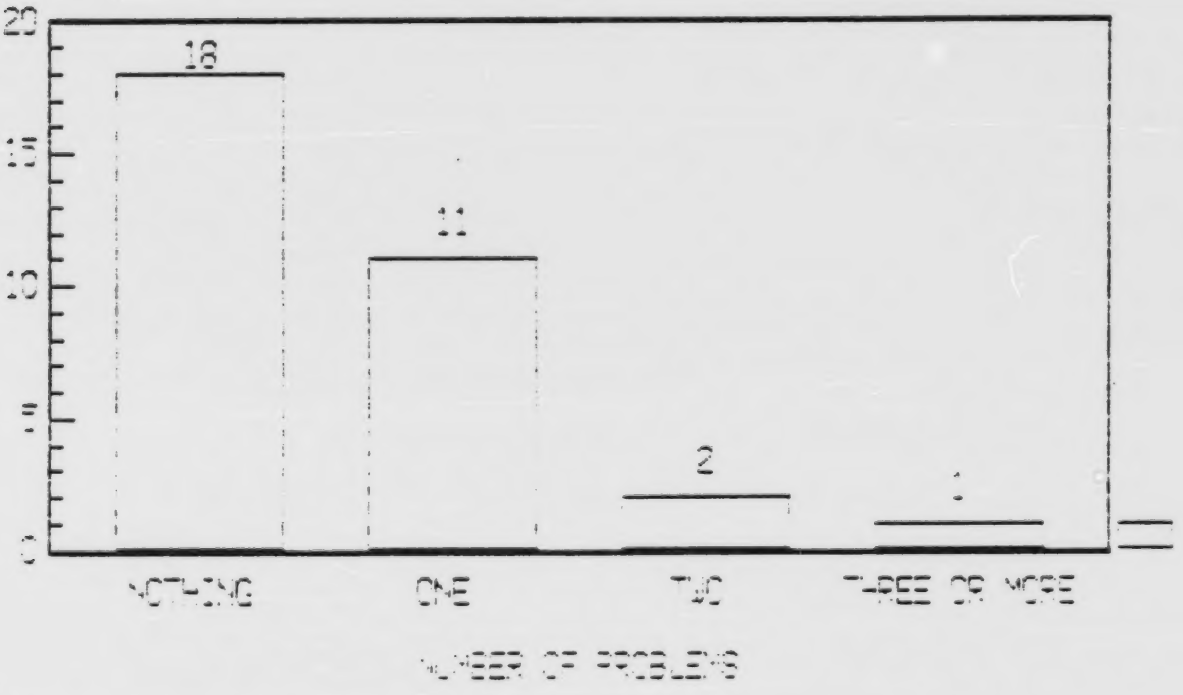

Figure 5. Number of sites with engineering problems found during site visits, 1987

The lack of rain proved to be a benefit to fish habitat in some instances. With the level of the water being low, the amount of siltation which could have been deposited in the stream was reduced. This in turn reduced the impact of the alteration on fish habitat.

Figure 6 is an example of poor bank stabilization illustrating an exposed soil condition. During a heavy rainfall silt may be washed into the watercourse, be carried downstream and spread over a large area of productive fish habitat. This would result in damaged spawning areas for brook trout and Atlantic Salmon. During the time salmonid eggs are in spawning area, a thin layer of silt over top of the eggs prevents oxygenated water from contacting the egg causing mortality.

The length of time required between permit application and approval is a major problem. Figure 7 is a flow chart illustrating the route an application takes before receiving a permit. The application is first checked to see if all of the necessary information is enclosed and if it passes the guidelines only, a permit may be issued and a copy of the permit is sent to the appropriate federal and provincial agencies. If a monitoring program is not necessary the project commences.

If an application falls under a catagory which might impact on fish habitat (Figure 7) the provincial regulatory agency would request investigation and report by federal and provincial advisory agencies. If there is a conflict between the two advisory reports, Water Resources Branch has to decide which recommended course of action to follow. This second route consumes the greatest amount of time. The difference between the date when the application was received and when it is approved may be up to several months. During this time the applicant does not know if or when it will be approved. He is held in limbo until a decision is made.

The amount of communication between federal and provincial government departments is insufficient. DNR&E does not know when an alteration site has been inspected by DFO or DMA&E. For example, a particular site had been inspected by DFO inspector just days before it was inspected by DNR&E. If DNR&E had known that it had already been inspected, a duplication of effort could have been avoided and another site could have been chosen for inspection.

There are not enough staff available or qualified to inspect sites for compliance compared to the number of permits issued annually. The Department of Municipal Affairs and Environment employees, one engineer and two engineering technicians, responsible for watercourse alteration. The program administration leaves little or no time for the inspection of alterations.

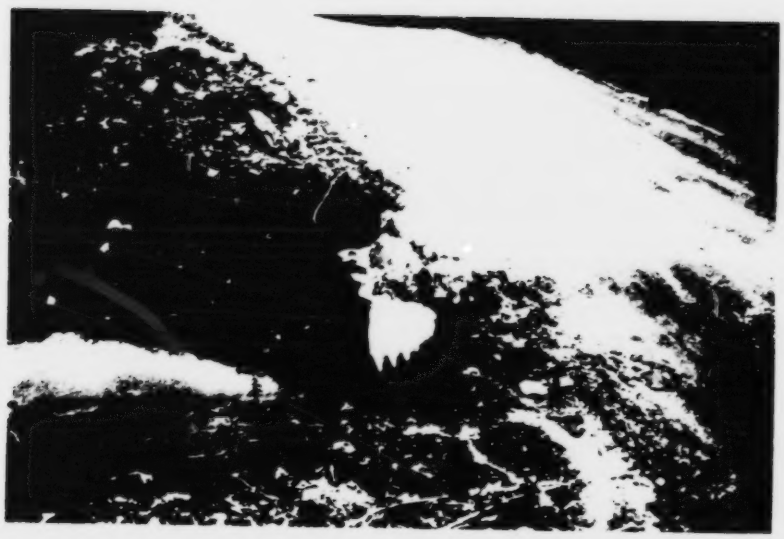

Figure 6. Typical example of poor bank stabilization found during site visits, 1987

SYSTEM FLOW CHART

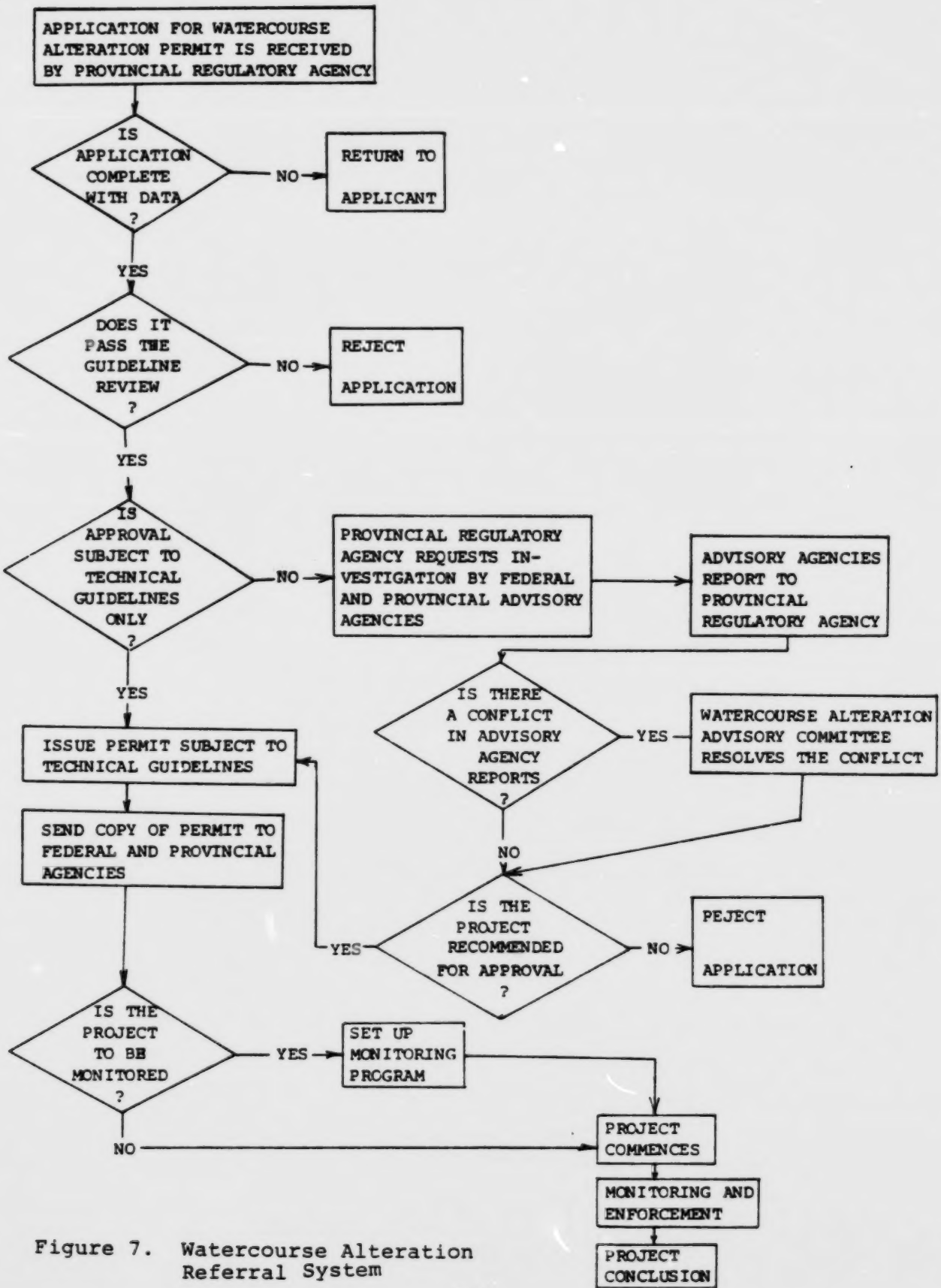
APPLICATION FOR WATERCOURSE ALTERATION PERMIT IS RECEIVED BY PROVINCIAL REGULATORY AGENCY
IS APPLICATION COMPLETE WITH DATA ?
NO
RETURN TO APPLICANT
YES
DOES IT PASS THE GUIDELINE REVIEW ?
NO
REJECT APPLICATION
YES
IS APPROVAL SUBJECT TO TECHNICAL GUIDELINES ONLY ?
NO
PROVINCIAL REGULATORY AGENCY REQUESTS INVESTIGATION BY FEDERAL AND PROVINCIAL ADVISORY AGENCIES
ADVISORY AGENCIES REPORT TO PROVINCIAL REGULATORY AGENCY
YES
IS THERE A CONFLICT IN ADVISORY AGENCY REPORTS ?
YES
WATERCOURSE ALTERATION ADVISORY COMMITTEE RESOLVES THE CONFLICT
ISSUE PERMIT SUBJECT TO TECHNICAL GUIDELINES
SEND COPY OF PERMIT TO FEDERAL AND PROVINCIAL AGENCIES
NO
IS THE PROJECT RECOMMENDED FOR APPROVAL ?
YES
NO
PEJECT APPLICATION
IS THE PROJECT TO BE MONITORED ?
YES
SET UP MONITORING PROGRAM
NO
PROJECT COMMENCES
MONITORING AND ENFORCEMENT
PROJECT CONCLUSION

Figure 7. Watercourse Alteration Referral System

Both departments rely heavily on DNR&E Forest Rangers to detect infractions or advise on site conditions. Forest Rangers have a variety of work duties and are not always available to perform watercourse alteration related tasks.

The general guidelines (Figure 8), which were revised in March, 1984, should be revised again, specifically points 2 and 5. In each of the guidelines, the word "should" is used. This tells the applicant that they do not have to comply with these guidelines if they do not want to. The word "shall" would be a more appropriate word.

Maximum suspends solid levels should be incorporated into the general guidelines restricting the suspended solid amounts immediately downstream of the alteration to 80 mg/l. Site stabilization recommendation should always contain a date by which the disturbed area must be stabilized.

GENERAL GUIDELINES

APPLICABLE TO ALL WATERCOURSE ALTERATIONS GUIDELINES

REVISED: MARCH, 1984

GENERAL GUIDELINES

There are common practices which should be followed in all types of watercourse alteration projects in order to maintain the streambed in as natural a state as possible. Where requried, timing and specific methods will be prescribed in the W/A permit issued by NBDMA&E. The general guidelines are listed below.

1. All work operations shall be conducted in a manner to cause a minimum of siltation and disturbance to the adjacent and downstream areas.

2. Any debris and excavated material resulting from the construction process shall be removed from the watercourse and adjacent areas and be returned to the watercourse. Sites should be cleaned up and left in a neat condition.

3. Heavy equipment operations in the watercourse shall be maintained at the minimum that is necessary to carry out work operations. Unnecessary fording shall not be carried out.

4. All necessary precautions shall be taken to prevent the discharge or loss of any harmful material or substance into the watercourse; including but not limited to creosote, hydrocarbons, biocides, fresh cement, lime, paint or concrete.

5. Exposed erodable material resulting from construction operations should be stabilized against erosion.

6. Machinery and pollutants must be located or stored in areas not in danger of flood waters. Machinery in use shall be located so that in case of a flash flood it can be moved from the flood areas.

Figure 8. General Guidelines attached as conditions to all Watercourse Alteration Permits. (From Watercourse Alteration Technical Guidelines DMA&E, 1985.)

RECOMMENDATIONS

During the course of this study several areas have been identified for improvement such that when a permit is issued for a watercourse alteration, the guidelines are followed correctly. They are;

(a) Two permanent field inspectors be appointed to inspect the proposed sites of projects that may have an impact on fish habitat, pre, during and post construction.

(b) Improved communication between federal and provincial government departments.

(c) Improvements to the general guidelines so that the word "should" be replaced by the word "shall" to place more onus on the applicant to ensure compliance with the permit. Set maximum suspended solid levels for each project.

(d) The transfer of catagories 1F, 1G, 2D, 2E and 5B from "regulatory" to "advisory and regulatory".

(e) Increased public education concerning the requirement of a Watercourse Alteration Permit before any kind of work is undertaken in or around a stream.

ACKNOWLEDGEMENTS

This project could not have been made possible without the assistance of the following agencies and individuals:

- Department of Employment and Immigration
- Fredericton Fish and Game Association
- Mr. Frank Wilson
- Fish and Wildlife Branch, DNR&E
- Water Resources Branch, DMA&E
- Technical Services Branch, DNR&E

APPENDIX A

WATERCOURSE ALTERATION SITE INSPECTION FORMS
COMPILED JULY - OCTOBER, 1987

Alteration Number: 2633-87

Type: 3A Region FUNDY

Inspected By: TERRY Date: 12/8/87

Applicant: DONALD HAYS Phone #: 433-4768

Address: RR#5 SUSSEX

Name of Watercourse: UNNAMED Tributary: WARDS CREEK

County: KINGS Parish: SUSSEX

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- X Prior to Disturbance
- ___ During Disturbance
- ___ After Disturbance

Work Site Description:
Section Type: ___ Riffle
- X Run
- ___ Pool - Max. Depth: _____
- ___ Other: _____

Section Length: 15 m
Bank to Bank Width: 10 m
Average Depth: 0.3 m
Est. Water Flow: 1-2 m3/s
Avg. Width of Channel: 1 m

Water Level:
- X Low
- ___ Medium
- ___ High

Water Clarity:
- X Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- X Dark Brown
- ___ Light Brown
- ___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		20
gravel: 5.0 - 53mm; pea size to fist size		20
rubble: 53 - 180mm: fist size to head size		60
boulder: 460mm and larger		

Shoreline Description: _____

Spawning Area
Type:
- X Salmonid
- X Warmwater

Good: 10 m
Fair: _____ m
Poor: _____ m

Nursery Area
Type:
- X Salmonid
- X Warmwater

Good: 10 m
Fair: _____ m
Poor: _____ m

Water Temperature: 17 C

Air Temperature: 25 C

Bank Cover:
___Open
__1Meduim
___Dense

Shoreline Condition:
__xGrasses
__xShrubs
__xTrees
__xEroding Bank

Height of Bank Viewing Downstream: Left 25 m Right 10 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
Brook Trout		x 1	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No __xUnknown

If so describe _____

Is this site typical of the adjacent stream area? __xYes ___No

Other Information Taken:
___Water Samples __xPhotographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: Erosion downstream of culvert. Contact D.O.T.

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
__xAlerting DNR
___No Further Inspection

Alteration Number: 2614-87

Type: LA Region FUNDY

Inspected By: TERRY Date: _____

Applicant: DEPT OF TOURISM, REC., HERITAGE Phone #: 455-3241

Address: P.O. Box 1375, FREDERICTON

Name of Watercourse: COOMBS BROOK Tributary: ST JOHN RIVER

County: _____ Parish: _____

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- X During Disturbance
- ___ After Disturbance

Work Site Description:
Section Type: ___ Riffle
- X Run
- ___ Pool - Max. Depth: _____
- ___ Other: _____

Section Length: 40 m
Bank to Bank Width: 20 m
Average Depth: ? m
Est. Water Flow: 2 m3/s
Avg. Width of Channel: 2 m

Water Level:
- ___ Low
- ___ Medium
- X High

Water Clarity:
- ___ Clear
- ___ Cloudy
- X Muddy

Water Color:
- X Dark Brown
- ___ Light Brown
- ___ Clear

Observed Bottom Material: Bottom not Visible X % of Stream Bottom

detrius: composed of small organic particles like sawdust, sticks, leaves, etc. _____

clay: no structure, greasy feel between fingers _____

silt: 0.005 - 0.05mm; dust size _____

sand: 0.025 - 2.5mm; gritty texture _____

gravel: 5.0 - 53mm; pea size to fist size _____

rubble: 53 - 160mm: fist size to head size _____

boulder: 460mm and larger _____

Shoreline Description: in park with brook running through some area

Spawning Area Type:			Nursery Area Type:		
	Good: ___ m			Good: ___ m	
X Salmonid	Fair: ___ m		X Salmonid	Fair: ___ m	
X Warmwater	X Poor: 20 m		X Warmwater	X Poor: 20 m	

Water Temperature: 15 C

Air Temperature: 17 C

Bank Cover:
__Open
___Meduim
___Dense

Shoreline Condition:
_X_Grasses
___Shrubs
___Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 0 m Right 30 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
Trout		X	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No _X_Unknown

If so describe _____

Is this site typical of the adjacent stream area? ___Yes ___No

Other Information Taken:
___Water Samples _X_Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: Inspected during rain storm
employed erosion control

Action Taken:
_X_Further Inspection On: Late

___Contacting Owner

___Alerting DFO

___Alerting DNR

___No Further Inspection

Alteration Number: 2507-86

Type: 1B Region FUNDY

Inspected By: TERRY Date: 18/08/87

Applicant: WAYNE EAGLES Phone #: 372-9104

Address: RR #2 SAILSBURY

Name of Watercourse: UNNAMED Tributary: NORTH RIVER

County: WESTMORLAND Parish: SAILSBURY

Type of Inspection:
- x General
- ___"No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- ___ During Disturbance
- x After Disturbance

Work Site Description:
Section Type: ___Riffle
___Run
x Pool - Max. Depth: ?
___Other: _____

Section Length: _____m
Bank to Bank Width: _____m
Average Depth: _____m
Est. Water Flow: _____m3/s
Avg. Width of Channel: _____m

Water Level:
- ___Low
- ___Medium
- ___High

Water Clarity:
- x Clear
- ___Cloudy
- ___Muddy

Water Color:
- x Dark Brown
- ___Light Brown
- ___Clear

Observed Bottom Material: Bottom not Visible X % of Stream Bottom

detrius: composed of small organic particles like sawdust, sticks, leaves, etc. _____

clay: no structure, greasy feel between fingers _____

silt: 0.005 - 0.05mm; dust size _____

sand: 0.025 - 2.5mm; gritty texture _____

gravel: 5.0 - 53mm; pea size to fist size _____

rubble: 53 - 180mm: fist size to head size _____

boulder: 460mm and larger _____

Shoreline Description: _____

Spawning Area
Type:
- ___Salmonid
- x Warmwater

x Good: 50 m
___Fair: _____m
___Poor: _____m

Nursery Area
Type:
- ___Salmonid
- x Warmwater

x Good: 50 m
___Fair: _____m
___Poor: _____m

Water Temperature: 13 C

Air Temperature: 27 C

Bank Cover:
___Open
__X__Meduim
___Dense

Shoreline Condition:
___Grasses
__X__Shrubs
__X__Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left _____m Right _____m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
Dace	X	1	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No __X__Unknown

If so describe _____

Is this site typical of the adjacent stream area? ___Yes ___No

Other Information Taken:
___Water Samples __X__Photographs ___Fish Samples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: Poor bank stabilization against erosion, low culvert being undersized, ditch along road that goes on farm unprotected

Action Taken:
___Further Inspection On: _____
__X__Contacting Owner
___Alerting DFO
__X__Alerting DNR
___No Further Inspection

Alteration Number: 2303-86

Type: 2D Region FUNDY

Inspected By: TERRY Date: 17/OCT/87

Applicant: CONNORS BROS. Phone #: 456-3391 ext. 257

Address: BLACKS HARBOUR

Name of Watercourse: LAKE UTOPIA Tributary: MAGAGUADAVIC

County: CHARLOTTE Parish: ST. GEORGE

Type of Inspection:
__X__ General
___ "No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
___ Prior to Disturbance
___ During Disturbance
__X__ After Disturbance

Work Site Description: AQUACULTURE SITE
Section Type: ___Riffle
___Run
___Pool - Max. Depth: _____
___Other: _____
_____

Section Length: _____m
Bank to Bank Width: _____m
Average Depth: _____m
Est. Water Flow: _____m3/s
Avg. Width of Channel: _____m

Water Level:
___Low
___Medium
___High

Water Clarity:
___Clear
___Cloudy
___Muddy

Water Color:
___Dark Brown
___Light Brown
___Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		
gravel: 5.0 - 53mm; pea size to fist size		
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: _____

_____

Spawning Area
Type:
___Salmonid
___Warmwater
___Good: _____m
___Fair: _____m
___Poor: _____m

Nursery Area
Type:
___Salmonid
___Warmwater
___Good: _____m
___Fair: _____m
___Poor: _____m

Water Temperature: _____C

Air Temperature: _____C

Bank Cover:
___Open
___Meduim
___Dense

Shoreline Condition:
___Grasses
___Shrubs
___Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left _____m Right _____m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No ___Unknown

If so describe _____

_____

_____

Is this site typical of the adjacent stream area? ___Yes ___No

Other Information Taken:
___Water Samples
_X_Photographs
___Fish Sammples
___Aquatic Insects
___Violation Report Completed

Comments and Recommendations: Hydroseed banks near outlet pipes, pumphouse and along creek on corner of property

Action Taken:
_X_Further Inspection On: Lake

___Contacting Owner

___Alerting DFO

___Alerting DNR

___No Further Inspection

Alteration Number: 2724-87

Type: IG Region GULF

Inspected By: TERRY Date: 26/8/87

Applicant: I.D. IRVING Phone #: 369-7292

Address: BOIESTOWN

Name of Watercourse: LITTLE DUNGARVON Tributary: DUNGARVON

County: _____ Parish: LUDLOW

Type of Inspection:
x General
___"No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
___ Prior to Disturbance
___ During Disturbance
x After Disturbance

Work Site Description:
Section Type: ___Riffle
x Run
x Pool - Max. Depth: 0.5m
___Other: _____
_____

Section Length: 20 m
Bank to Bank Width: 2 m
Average Depth: 0.1 m
Est. Water Flow: 2 m3/s
Avg. Width of Channel: 2 m

Water Level:
x Low
___Medium
___High

Water Clarity:
x Clear
___Cloudy
___Muddy

Water Color:
___Dark Brown
___Light Brown
x Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrium: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		60
gravel: 5.0 - 53mm; pea size to fist size		40
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: young alders

Spawning Area
Type:
___Salmonid
x Warmwater

___Good: _____ m
x Fair: 15 m
___Poor: _____ m

Nursery Area
Type:
x Salmonid
x Warmwater

x Good: 15 m
___Fair: _____ m
___Poor: _____ m

Water Temperature: 16 C

Air Temperature: 20 C

Bank Cover:
___Open
___Meduim
_x_Dense

Shoreline Condition:
___Grasses
_X_Shrubs
_X_Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 15 m Right 20 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
Dace	X	1	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No _X_Unknown

If so describe _____

Is this site typical of the adjacent stream area? _X_Yes ___No

Other Information Taken:
___Water Samples _X_Photographs ___Fish Samples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: no erosion control on banks

Action Taken:
___Further Inspection On: _____
_X_Contacting Owner
___Alerting DFO
_X_Alerting DNR
___No Further Inspection

Alteration Number: 2450 - 86

Type: ID Region FUNDY

Inspected By: TERRY Date: _____

Applicant: VALLEY FOREST PRODUCTS LTD Phone #: _____

Address: P.O. Box 1000 NACKAWICK

Name of Watercourse: UNNAMED Tributary: MACTAQUAC STREAM

County: YORK Parish: BRIGHT

Type of Inspection:
X General
___"No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
___ Prior to Disturbance
___ During Disturbance
X After Disturbance

Work Site Description:
Section Type: ___Riffle
X Run
___Pool - Max. Depth: _____
___Other: _____
_____

Section Length: 30 m
Bank to Bank Width: 3 m
Average Depth: 0.2 m
Est. Water Flow: 1 m3/s
Avg. Width of Channel: 2 m

Water Level:
X Low
___Medium
___High

Water Clarity:
X Clear
___Cloudy
___Muddy

Water Color:
___Dark Brown
X Light Brown
___Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		70
gravel: 5.0 - 53mm; pea size to fist size		30
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: _____

_____

Spawning Area
Type:
X Salmonid
X Warmwater
X Good: 20 m
___Fair: _____ m
___Poor: _____ m

Nursery Area
Type:
X Salmonid
X Warmwater
X Good: 20 m
___Fair: _____ m
___Poor: _____ m

Water Temperature: 15 C

Air Temperature: ____ C

Bank Cover:
___Open
___Meduim
_X_Dense

Shoreline Condition:
_X_Grasses
_X_Shrubs
_X_Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 10 m Right 10 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
sunk			

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No _X_Unknown

If so describe _____

Is this site typical of the adjacent stream area? _X_Yes ___No

Other Information Taken:
___Water Samples _X_Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
_X_No Further Inspection

Alteration Number: 2493 -86

Type: ID Region Fundy

Inspected By: Terry Date:

Applicant: Valley Forest Products LTD Phone #: 575-2221

Address: P.O Box 1000, Nackawick

Name of Watercourse: Jewetts Creek Tributary: St. John River

County: York Parish: Prince William

Type of Inspection:
X General
___"No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
___ Prior to Disturbance
X During Disturbance
___ After Disturbance

Work Site Description:
Section Type: ___Riffle
X Run
___Pool - Max. Depth: _____
___Other: _____
_____

Section Length: 20 m
Bank to Bank Width: 3 m
Average Depth: 0.2 m
Est. Water Flow: 2 m3/s
Avg. Width of Channel: 2 m

Water Level:
X Low
___Medium
___High

Water Clarity:
X Clear
___Cloudy
___Muddy

Water Color:
___Dark Brown
___Light Brown
X Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		50
gravel: 5.0 - 53mm; pea size to fist size		40
rubble: 53 - 180mm: fist size to head size		10
boulder: 460mm and larger		

Shoreline Description: _____

_____

Spawning Area
Type:
X Salmonid
X Warmwater
X Good: 20 m
___Fair: _____ m
___Poor: _____ m

Nursery Area
Type:
X Salmonid
X Warmwater
X Good: 20 m
___Fair: _____ m
___Poor: _____ m

Water Temperature: 14 C

Air Temperature: _____C

Bank Cover:
___Open
_X_Meduim
___Dense

Shoreline Condition:
_X_Grasses
_X_Shrubs
_X_Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 20 m Right 23 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
unk		1	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No _X_Unknown

If so describe _____

Is this site typical of the adjacent stream area? _X_Yes ___No

Other Information Taken:
___Water Samples _X_Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

Action Taken:
_X_Further Inspection On: during construction
___Contacting Owner
___Alerting DFO
___Alerting DNR
___No Further Inspection

Alteration Number: 2657-87

Type: I.D. Region FUNDY

Inspected By: TERRY Date: _____

Applicant: VILLAGE OF MILLVILLE Phone #: 463-2674

Address: P.O. Box 39, MILLVILLE

Name of Watercourse: E.B. NACKAWICK STM. Tributary: NACKAWICK STREAM

County: YORK Parish: SOUTHAMPTON

Type of Inspection:
X General
___"No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
___ Prior to Disturbance
X During Disturbance
___ After Disturbance

Work Site Description:
Section Type: ___Riffle
X Run
___Pool - Max. Depth: _____
___Other: _____
_____

Section Length: 30 m
Bank to Bank Width: 2.5 m
Average Depth: 0.3 m
Est. Water Flow: 2 m3/s
Avg. Width of Channel: 2 m

Water Level:
___Low
X Medium
___High

Water Clarity:
X Clear
___Cloudy
___Muddy

Water Color:
X Dark Brown
___Light Brown
___Clear

Observed Bottom Material: Bottom not Visible X % of Stream Bottom

detrius: composed of small organic particles like sawdust, sticks, leaves, etc. _____

clay: no structure, greasy feel between fingers _____

silt: 0.005 - 0.05mm; dust size _____

sand: 0.025 - 2.5mm; gritty texture _____

gravel: 5.0 - 53mm; pea size to fist size _____

rubble: 53 - 180mm: fist size to head size _____

boulder: 460mm and larger _____

Shoreline Description: _____

_____

Spawning Area
Type:
___Good: _____m
X Salmonid X Fair: 10 m
X Warmwater ___Poor: _____m

Nursery Area
Type:
X Good: 20 m
X Salmonid ___Fair: _____m
X Warmwater ___Poor: _____m

Water Temperature: 12 C Air Temperature: _____C

Bank Cover:
_X_Open
___Xeduim
___Danse

Shoreline Condition:
___Grasses
___Shrubs
___Trees
_X_Eroding Bank

Height of Bank Viewing Downstream: Left _____m Right _____m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
Trout		X 1	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No _X_Unknown

If so describe _____

Is this site typical of the adjacent stream area? _X_Yes ___No

Other Information Taken:
___Water Samples _X_Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: Erosion result of rock groin
Remove all or part of groin

Action Taken:
_X_Further Inspection On: Later
___Contacting Owner
___Alerting DFO
___Alerting DNR
___No Further Inspection

Alteration Number: 2663-87

Type: 1A Region E

Inspected By: Terry Date: 10/87

Applicant: Ducks Unlimited Phone #: 1-902-667-8726

Address: P.O. Box 430, Amherst N.S.

Name of Watercourse: Unnamed Tributary: St. John

County: Nova Scotia Parish: Hampstead

Type of Inspection:
___ General
___ "No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
___ Prior to Disturbance
___ During Disturbance
X After Disturbance

Work Site Description:
Section Type: ___ Riffle
___ Run
X Pool - Max. Depth: ?
___ Other: _____

Section Length: 20 m
Bank to Bank Width: 20 m
Average Depth: ? m
Est. Water Flow: 0 m3/s
Avg. Width of Channel: 3 m

Water Level:
___ Low
___ Medium
___ High

Water Clarity:
X Clear
___ Cloudy
___ Muddy

Water Color:
___ Dark Brown
___ Light Brown
X Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		70
sand: 0.025 - 2.5mm; gritty texture		30
gravel: 5.0 - 53mm; pea size to fist size		
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: Mud surrounded by shrubs

Spawning Area
Type:
___ Salmonid
___ Warmwater
___ Good: _____ m
___ Fair: _____ m
X Poor: NONE m

Nursery Area
Type:
X Salmonid
X Warmwater
___ Good: _____ m
___ Fair: _____ m
X Poor: NONE m

Water Temperature: 15 C

Air Temperature: _____C

Bank Cover:
X Open
__Meduim
__Dense

Shoreline Condition:
__X Grasses
__Shrubs
__Trees
__Eroding Bank

Height of Bank Viewing Downstream: Left 20 m Right 20 m

Fish Presence: weak

Fish Species	Observed	Reported	Number of Mortalities Observed
_____	_____	_____	_____
_____	_____	1	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? __Yes X No __Unknown

If so describe _____

Is this site typical of the adjacent stream area? __Yes __No

Other Information Taken:
__Water Samples X Photographs __Fish Samples
__Aquatic Insects __Violation Report Completed

Comments and Recommendations: Two improvement areas for trucks, on an island

Action Taken:
__Further Inspection On: _____
__Contacting Owner
__Alerting DFO
__Alerting DNR
X No Further Inspection

Alteration Number: 2679-87

Type: 1G Region FUNDY

Inspected By: TERRY Date: _____

Applicant: DOT Phone #: 433-2350

Address: P.O. Box 280, SUSSEX

Name of Watercourse: KENNEBECASIS RIVER Tributary: KENNEBECASIS BAY

County: KINGS Parish: CARDWELL

Type of Inspection:
X General
___ "No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
X Prior to Disturbance
___ During Disturbance
___ After Disturbance

Work Site Description:
Section Type: ___ Riffle
X Run
X Pool - Max. Depth: 1.5 m
___ Other: _____
_____

Section Length: 30 m
Bank to Bank Width: 2 m
Average Depth: 1 m
Est. Water Flow: 2 m3/s
Avg. Width of Channel: 2 m

Water Level:
X Low
___ Medium
___ High

Water Clarity:
X Clear
___ Cloudy
___ Muddy

Water Color:
___ Dark Brown
X Light Brown
___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		80
gravel: 5.0 - 53mm; pea size to fist size		10
rubble: 53 - 180mm: fist size to head size		10
boulder: 460mm and larger		

Shoreline Description: fields on either side

Spawning Area
Type:
X Salmonid
X Warmwater
Good: _____ m
Fair: _____ m
X Poor: 20 m

Nursery Area
Type:
X Salmonid
X Warmwater
Good: _____ m
Fair: _____ m
X Poor: 20 m

Water Temperature: 15 C Air Temperature: 27 C

Bank Cover:
___Open
__X__Xeduim
___Danse

Shoreline Condition:
__X__Grasses
___Shrubs
__X__Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 20 m Right 20 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
Dace	X		

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No __X__Unknown

If so describe _____

Is this site typical of the adjacent stream area? __X__Yes ___No

Other Information Taken:
___Water Samples __X__Photographs ___Fish Samples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

Action Taken:
__X__Further Inspection On: during const
___Contacting Owner
___Alerting DFO
___Alerting DNR
___No Further Inspection

Alteration Number: 2735-87

Type: I G Region FUNDY

Inspected By: TERRY Date: 18/08/87

Applicant: D.O.T Phone #: 853-8704

Address: P.O. BOX 129, TOWER ST. MONCTON

Name of Watercourse: LEWIS MTN BROOK Tributary: NORTH RIVER

County: WESTMORELAND Parish: SALISBURY

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- ___ During Disturbance
- X After Disturbance

Work Site Description:
Section Type:
- ___ Riffle
- X Run
- ___ Pool - Max. Depth: _____
- ___ Other: _____

Section Length: 10 m

Bank to Bank Width: 1 m

Average Depth: 0.10 m

Est. Water Flow: 0.02 m3/s

Avg. Width of Channel: 0.5 m

Water Level:
- X Low
- ___ Medium
- ___ High

Water Clarity:
- X Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- ___ Dark Brown
- X Light Brown
- ___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		30
gravel: 5.0 - 53mm; pea size to fist size		60
rubble: 53 - 180mm: fist size to head size		10
boulder: 460mm and larger		

Shoreline Description: young alders & ferns

Spawning Area
Type:
- X Salmonid
- X Warmwater

Good: 5 m
Fair: _____ m
Poor: _____ m

Nursery Area
Type:
- X Salmonid
- X Warmwater

Good: 5 m
Fair: _____ m
Poor: _____ m

Water Temperature: 20 C

Air Temperature: 30 C

Bank Cover:
___Open
_x_Meduim
___Dense

Shoreline Condition:
_x_Grasses
_x_Shrubs
_x_Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 16 m Right 10 m

Fish Presence: unk

Fish Species	Observed	Reported	Number of Mortalities Observed
		1	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No _x_Unknown

If so describe _____

Is this site typical of the adjacent stream area? _x_Yes ___No

Other Information Taken:
___Water Samples _x_Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
_x_No Further Inspection

Alteration Number: 2729-87

Type: 1 D Region FUNDY

Inspected By: JERRY Date: 23/8/87

Applicant: DOWNEAST TIMBERLANDS Phone #: 833-1406

Address: PO Box 5 ST. MARTIN

Name of Watercourse: JIMMY LIND BK Tributary: MANFORD BROOK

County: ST. JOHN Parish: ST. MARTIN

Type of Inspection:
X General
___"No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
X Prior to Disturbance
___ During Disturbance
___ After Disturbance

Work Site Description:
Section Type: ___Riffle
X Run
___Pool - Max. Depth: _____
___Other: _____
_____

Section Length: 50 m
Bank to Bank Width: 2 m
Average Depth: 0.1 m
Est. Water Flow: 7 m3/s
Avg. Width of Channel: 2 m

Water Level:
X Low
___Medium
___High

Water Clarity:
X Clear
___Cloudy
___Muddy

Water Color:
X Dark Brown
___Light Brown
___Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		80
sand: 0.025 - 2.5mm; gritty texture		
gravel: 5.0 - 53mm; pea size to fist size		10
rubble: 53 - 180mm: fist size to head size		10
boulder: 460mm and larger		

Shoreline Description: _____

_____

Spawning Area Type:
___Salmonid
X Warmwater

___Good: _____ m
___Fair: _____ m
X Poor: 50 m

Nursery Area Type:
X Salmonid
X Warmwater

___Good: _____ m
___Fair: _____ m
X Poor: 50 m

Water Temperature: 18 C

Air Temperature: 22 C

Bank Cover:
- x Open
- ___ Xeduim
- ___ Dense

Shoreline Condition:
- x Grasses
- ___ Shrubs
- x Trees
- ___ Eroding Bank

Height of Bank Viewing Downstream: Left 25 m Right 25 m

Fish Presence: unk

Fish Species	Observed	Reported	Number of Mortalities Observed
		1	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___ Yes ___ No x Unknown

If so describe _____

Is this site typical of the adjacent stream area? x Yes ___ No

Other Information Taken:
- ___ Water Samples
- x Photographs
- ___ Fish Sammples
- ___ Aquatic Insects
- ___ Violation Report Completed

Comments and Recommendations: Site of old winter crossing in middle of bog, may choose different site.

Action Taken:
- ___ Further Inspection On: _____
- ___ Contacting Owner
- ___ Alerting DFO
- ___ Alerting DNR
- x No Further Inspection

Alteration Number: 2579-86

Type: I D Region FUNDY

Inspected By: TERRY Date: 25/8/87

Applicant: ~~BR~~ SIDNEY DAVIDSON Phone #:

Address: RR#5 SUSSEX

Name of Watercourse: WARDS CREEK Tributary: KENNEBECASIS RIVER

County: KINGS Parish: SUSSEX

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- ___ During Disturbance
- X After Disturbance

Work Site Description:
Section Type: ___ Riffle
- X Run
- ___ Pool - Max. Depth: _____
- ___ Other: _____

Section Length: 10 m
Bank to Bank Width: 2 m
Average Depth: 0.3 m
Est. Water Flow: 2 m3/s
Avg. Width of Channel: 1 m

Water Level:
- X Low
- ___ Medium
- ___ High

Water Clarity:
- X Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- ___ Dark Brown
- ___ Light Brown
- X Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		
gravel: 5.0 - 53mm; pea size to fist size		60
rubble: 53 - 180mm: fist size to head size		40
boulder: 460mm and larger		

Shoreline Description: young alders, algae in stream

Spawning Area
Type:
- X Salmonid
- X Warmwater

X Good: 10 m
~~X~~ Fair: ~~100~~ m
___ Poor: _____ m

Nursery Area
Type:
- X Salmonid
- X Warmwater

X Good: 10 m
___ Fair: _____ m
___ Poor: _____ m

Water Temperature: 18 C Air Temperature: _____ C

Bank Cover:
___Open
__X__Meduim
___Danse

Shoreline Condition:
__X__Grasses
___Shrubs
__X__Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 10 m Right 5 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
Brook Trout	_____	X	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? __X__Yes ___No ___Unknown

If so describe small dam downstream

Is this site typical of the adjacent stream area? __X__Yes ___No

Other Information Taken:
___Water Samples __X__Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: Stabilize banks

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
__X__No Further Inspection

Alteration Number: 2587-87

Type: I D Region FUNDY

Inspected By: Terry Date: 23/8/87

Applicant: DOWN EAST TIMBERLANDS Phone #: 833-4406

Address: P.O. Box 5 ST. MARTINS

Name of Watercourse: UNNAMED Tributary: RODY BROOK

County: ST JOHN Parish: ST. MARTINS

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- X During Disturbance
- ___ After Disturbance

Work Site Description:
Section Type:
- ___ Riffle
- X Run
- ___ Pool - Max. Depth: _____
- ___ Other: _____

Section Length: 30 m

Bank to Bank Width: 2 m

Average Depth: 0.02 m

Est. Water Flow: minimal m3/s

Avg. Width of Channel: 1 m

Water Level:
- X Low
- ___ Medium
- ___ High

Water Clarity:
- X Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- ___ Dark Brown
- ___ Light Brown
- X Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		
gravel: 5.0 - 53mm; pea size to fist size		50
rubble: 53 - 180mm: fist size to head size		50
boulder: 460mm and larger		

Shoreline Description: _____

Spawning Area
Type:
- X Salmonid
- ___ Warmwater

Good: 10 m
Fair: _____ m
Poor: _____ m

Nursery Area
Type:
- X Salmonid
- X Warmwater

Good: 10 m
Fair: _____ m
Poor: _____ m

Water Temperature: 18 C

Air Temperature: 22 C

Bank Cover:
___Open
__X__Meduim
___Dense

Shoreline Condition:
__X__Grasses
__X__Shrubs
__X__Trees
___Eroding Bank

[redacted]

Fish Presence: unk

Fish Species	Observed	Reported	Number of Mortalities Observed
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No __X__Unknown

If so describe _____

_____

_____

Is this site typical of the adjacent stream area? __X__Yes ___No

Other Information Taken:
___Water Samples
__X__Photographs
___Fish Sammples
___Aquatic Insects
___Violation Report Completed

Comments and Recommendations: Remove slash from brook

_____

_____

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
__X__No Further Inspection

Alteration Number: 2525-86

Type: 1 B Region GULF

Inspected By: TERRY Date: _____

Applicant: AMEDE BARIL Phone #: 876-2386

Address: FOYER BLACQUIERE, ST. LOUIS DE KENT

Name of Watercourse: RUISSEAU ST PIERRE à JEAN Tributary: KOUCHIBOUGUAC'S RIVER

County: KENT Parish: ST. LOUIS

Type of Inspection:
- x General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- ___ During Disturbance
- x After Disturbance

Work Site Description:
Section Type: ___ Riffle
___ Run
x Pool - Max. Depth: ?
___ Other: _____
_____

Section Length: 30 m
Bank to Bank Width: 10 m
Average Depth: ? m
Est. Water Flow: 2 m3/s
Avg. Width of Channel: 10 m

Water Level:
- ___ Low
- x Medium
- ___ High

Water Clarity:
- x Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- x Dark Brown
- ___ Light Brown
- ___ Clear

Observed Bottom Material: Bottom not Visible x % of Stream Bottom

detrius: composed of small organic particles like sawdust, sticks, leaves, etc. _____

clay: no structure, greasy feel between fingers _____

silt: 0.005 - 0.05mm; dust size _____

sand: 0.025 - 2.5mm; gritty texture _____

gravel: 5.0 - 53mm; pea size to fist size _____

rubble: 53 - 180mm: fist size to head size _____

boulder: 460mm and larger _____

Shoreline Description: surrounded by alders

Spawning Area
Type:
___ Salmonid
x Warmwater
x Good: 30 m
___ Fair: _____ m
___ Poor: _____ m

Nursery Area
Type:
___ Salmonid
x Warmwater
x Good: 30 m
___ Fair: _____ m
___ Poor: _____ m

Water Temperature: _____C

Air Temperature: 20 C

Bank Cover:
___Open
___Meduim
_X_Dense

Shoreline Condition:
___Grasses
___Shrubs
_X_Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 30 m Right 30 m

Fish Presence: unk

Fish Species	Observed	Reported	Number of Mortalities Observed

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? _X_Yes ___No ___Unknown

If so describe dam upstream

Is this site typical of the adjacent stream area? ___Yes _X_No

Other Information Taken:
___Water Samples _X_Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: Could not get close to attraction due to water level

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
_X_No Further Inspection

Alteration Number: 2603-87

Type: 1G Region FUNDY

Inspected By: TERRY Date: 12/10/87

Applicant: D.O.T Phone #:

Address: DISTRICT #6 COLLEGE HILL ROAD, FREDERICTON

Name of Watercourse: VARIOUS Tributary: N.B. SOUTHWEST MIRAMICHI RIVER

County: SUNBURY Parish: GLADSTONE

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- X Prior to Disturbance
- ___ During Disturbance
- X After Disturbance

Work Site Description:
Section Type:
- ___ Riffle
- X Run
- ___ Pool - Max. Depth: _____
- ___ Other: _____

Section Length: 20 m

Bank to Bank Width: 2 m

Average Depth: 0.05 m

Est. Water Flow: 0.5 m3/s

Avg. Width of Channel: 1 m

Water Level:
- X Low
- ___ Medium
- ___ High

Water Clarity:
- X Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- ___ Dark Brown
- ___ Light Brown
- X Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		90
gravel: 5.0 - 53mm; pea size to fist size		10
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: dense trees

Spawning Area
Type:
- ___ Salmonid
- X Warmwater

- X Good: 20 m
- ___ Fair: _____ m
- ___ Poor: _____ m

Nursery Area
Type:
- X Salmonid
- X Warmwater

- ___ Good: 30 m
- ___ Fair: _____ m
- ___ Poor: _____ m

Water Temperature: 15 C

Air Temperature: 20 C

Bank Cover:
___Open
___Meduim
_x_Dense

Shoreline Condition:
_X_Grasses
_X_Shrubs
_X_Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left _____m Right _____m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
Dace		x	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No _X_Unknown

If so describe _____

Is this site typical of the adjacent stream area? ___Yes ___No

Other Information Taken:
___Water Samples _X_Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: Permit is for 4 culverts Two are completed. Two not done All info composite of all sites

Action Taken:
_X_Further Inspection On: Later
___Contacting Owner
___Alerting DFO
___Alerting DNR
___No Further Inspection

Alteration Number: 2374-87

Type: LD Region FUNDY

Inspected By: TERRY Date: 12/5/87

Applicant: ST. CROIX PULPWOOD Phone #: 784-2866

Address: RR#1 McADAM

Name of Watercourse: NORTH BRANCH DUCK BROOK Tributary: DUCK BROOK

County: YORK Parish: DUMFRIES

Type of Inspection:
x General
___ "No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
___ Prior to Disturbance
___ During Disturbance
x After Disturbance

Work Site Description:
Section Type: ___ Riffle
x Run
___ Pool - Max. Depth: _____
___ Other: _____
_____

Section Length: 20 m
Bank to Bank Width: 2 m
Average Depth: 0.4 m
Est. Water Flow: 2 m3/s
Avg. Width of Channel: 1.5 m

Water Level:
x Low
___ Medium
___ High

Water Clarity:
x Clear
___ Cloudy
___ Muddy

Water Color:
x Dark Brown
___ Light Brown
___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		30
gravel: 5.0 - 53mm; pea size to fist size		40
rubble: 53 - 180mm: fist size to head size		20
boulder: 460mm and larger		10

Shoreline Description: _____

_____

Spawning Area
Type:
x Salmonid
x Warmwater
x Good: 20 m
___ Fair: _____ m
___ Poor: _____ m

Nursery Area
Type:
x Salmonid
x Warmwater
x Good: 20 m
___ Fair: _____ m
___ Poor: _____ m

Water Temperature: 18 C

Air Temperature: 23 C

Bank Cover:
__Open
__Xeduim
_x_Danse

Shoreline Condition:
_x_Grasses
_x_Shrubs
_x_Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 10 m Right 10 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
Brook Trout		x	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No _x_Unknown

If so describe _____

Is this site typical of the adjacent stream area? _x_Yes ___No

Other Information Taken:
___Water Samples _x_Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: Good Brook

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
_x_No Further Inspection

Alteration Number: 2376-86

Type: 1 D Region FUNDY

Inspected By: TERRY Date: 11/8/87

Applicant: St CROIX PULPWOOD Phone #: 784-2866

Address: RR#1 McADAM

Name of Watercourse: CRANBERRY BROOK Tributary: MAGAGUDAVIC LAKE

County: YORK Parish: DUMFRIES

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- ___ During Disturbance
- X After Disturbance

Work Site Description:
Section Type: ___ Riffle
- X Run
- ___ Pool - Max. Depth: _____
- ___ Other: _____

Section Length: 75 m
Bank to Bank Width: 10 m
Average Depth: 0.5 m
Est. Water Flow: 3 m3/s
Avg. Width of Channel: 3 m

Water Level:
- ___ Low
- X Medium
- ___ High

Water Clarity:
- X Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- X Dark Brown
- ___ Light Brown
- ___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		
gravel: 5.0 - 53mm; pea size to fist size		20
rubble: 53 - 180mm: fist size to head size		30
boulder: 460mm and larger		50

Shoreline Description: _____

Spawning Area
Type:
- X Salmonid
- X Warmwater

- X Good: 75 m
- ___ Fair: _____ m
- ___ Poor: _____ m

Nursery Area
Type:
- X Salmonid
- X Warmwater

- X Good: 75 m
- ___ Fair: _____ m
- ___ Poor: _____ m

ater Temperature: 18 C

Air Temperature: 23 C

Bank Cover:
___Open
__X__Meduim
___Dense

Shoreline Condition:
__X__Grasses
__X__Shrubs
__X__Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 50 m Right 50 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
DACE	X		
BROOK TROUT		X	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes __X__No ___Unknown

If so describe _____

Is this site typical of the adjacent stream area? ___Yes ___No

Other Information Taken:
___Water Samples __X__Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
__X__No Further Inspection

Alteration Number: 2638-87

Type: 2B Region FUNDY

Inspected By: TERRY Date: 12/8/87

Applicant: CARTERS EXCAVATING Phone #: 384-8492

Address: RR#8 TIMBERLINE RD, MONCTON

Name of Watercourse: SOMERS CREEK Tributary: PETITCODIAC RIVER

County: _____ Parish: _____

Type of Inspection:
__X__ General
___ "No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
__X__ Prior to Disturbance
__X__ During Disturbance
___ After Disturbance

Work Site Description:
Section Type: ___ Riffle
__X__ Run
___ Pool - Max. Depth: _____
___ Other: _____
_____

Section Length: 25 m
Bank to Bank Width: 1 m
Average Depth: — m
Est. Water Flow: — m3/s
Avg. Width of Channel: 1 m

Water Level: N/A
___ Low
___ Medium
___ High

Water Clarity:
___ Clear
___ Cloudy
___ Muddy

Water Color:
___ Dark Brown
___ Light Brown
___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		DRY STREAM
clay: no structure, greasy feel between fingers		RED
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		
gravel: 5.0 - 53mm; pea size to fist size		
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: _____

_____

Spawning Area
Type:
___ Salmonid
___ Warmwater
___ Good: _____ m
___ Fair: _____ m
___ Poor: _____ m

Nursery Area
Type:
___ Salmonid
___ Warmwater
___ Good: _____ m
___ Fair: _____ m
___ Poor: _____ m

Water Temperature: _____C

Air Temperature: _____C

Bank Cover:
___Open
___Xeduim
___Dense

Shoreline Condition:
___Grasses
___Shrubs
___Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left _____m Right _____m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No ___Unknown

If so describe _____

Is this site typical of the adjacent stream area? ___Yes ___No

Other Information Taken:
___Water Samples
_X_Photographs
___Fish Sammples
___Aquatic Insects
___Violation Report Completed

Comments and Recommendations: _____

Action Taken:
_X_Further Inspection On: ~~87~~ 17/09/87
___Contacting Owner
___Alerting DFO
___Alerting DNR
___No Further Inspection

Alteration Number: 2398-87

Type: 2 H Region GULF

Inspected By: TERRY Date: 26/5/87

Applicant: NEIL CORMIER Phone #: _____

Address: RR#1 ROBICHAUD

Name of Watercourse: UNNAMED Tributary: NORTHUMBERLAND STRAIT

County: WESTMORLAND Parish: SHEDIAC

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- X During Disturbance
- X After Disturbance

Work Site Description:
Section Type:
- ___ Riffle
- ___ Run
- X Pool - Max. Depth: 2m
- ___ Other: _____

Section Length: _____ m
Bank to Bank Width: 5 m
Average Depth: 2 m
Est. Water Flow: 0.5 m3/s
Avg. Width of Channel: 5 m

Water Level:
- ___ Low
- X Medium
- ___ High

Water Clarity:
- X Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- X Dark Brown
- ___ Light Brown
- ___ Clear

Observed Bottom Material: Bottom not Visible X % of Stream Bottom

detrius: composed of small organic particles like sawdust, sticks, leaves, etc. _____

clay: no structure, greasy feel between fingers _____

silt: 0.005 - 0.05mm; dust size _____

sand: 0.025 - 2.5mm; gritty texture _____

gravel: 5.0 - 53mm; pea size to fist size _____

rubble: 53 - 180mm: fist size to head size _____

boulder: 460mm and larger _____

Shoreline Description: fields on either side

Spawning Area
Type:
- X Salmonid
- X Warmwater

Good: _____ m
Fair: _____ m
Poor: 10 m

Nursery Area
Type:
- X Salmonid
- X Warmwater

Good: _____ m
Fair: _____ m
Poor: 10 m

Water Temperature: _____C

Air Temperature: 18 C

Bank Cover:
_x_ Open
___ Meduim
___ Dense

Shoreline Condition:
_x_ Grasses
___ Shrubs
___ Trees
___ Eroding Bank

Height of Bank Viewing Downstream: Left 10 m Right 10 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
Pink Salmon		x 1	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No _x_ Unknown

If so describe _____

Is this site typical of the adjacent stream area? ___Yes _x_ No

Other Information Taken:
___ Water Samples _x_ Photographs ___ Fish Sammples
___ Aquatic Insects ___ Violation Report Completed

Comments and Recommendations: Impressed Corker

Action Taken:
___ Further Inspection On: _____
_x_ Contacting Owner
___ Alerting DFO
___ Alerting DNR
___ No Further Inspection

Alteration Number: 2627-87

Type: 1G Region Fundy

Inspected By: Terry Date: _____

Applicant: AGRICULTURE CANADA Phone #: 472-6928

Address: PO Box 4000, FREDERICTON

Name of Watercourse: NILES BROOK Tributary: LITTLE RIVER

County: SUNBURY Parish: SHEFFIELD

Type of Inspection:
- x General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- ___ During Disturbance
- x After Disturbance

Work Site Description:
Section Type: ___ Riffle
- x Run
- ___ Pool - Max. Depth: _____
- ___ Other: _____
- _____

Section Length: 15 m
Bank to Bank Width: 1.5 m
Average Depth: 0.2 m
Est. Water Flow: 1 m3/s
Avg. Width of Channel: 1 m

Water Level:
- x Low
- ___ Medium
- ___ High

Water Clarity:
- x Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- ___ Dark Brown
- ___ Light Brown
- x Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		90
gravel: 5.0 - 53mm; pea size to fist size		10
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: _____

_____

Spawning Area
Type:
- x Salmonid
- x Warmwater

x Good: 15 m
___ Fair: _____ m
___ Poor: _____ m

Nursery Area
Type:
- x Salmonid
- x Warmwater

x Good: 20 m
___ Fair: _____ m
___ Poor: _____ m

Water Temperature: 15 C

Air Temperature: _____C

Bank Cover:
___Open
___Meduim
X Dense

Shoreline Condition:
X Grasses
X Shrubs
X Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 15 m Right 10 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
Trout			

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No X Unknown

If so describe _____

Is this site typical of the adjacent stream area? X Yes ___No

Other Information Taken:
___Water Samples X Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
X No Further Inspection

Iteration Number: 2202-85

Type: 1A Region Florida

Inspected By: ___ Date: 10/17/85

Applicant: D.U. Phone #: ___

Address: ___

Name of Watercourse: LITTLE POCOLOGAN Tributary: POCOLOGAN

County: ___ Parish: PENNFIELD

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): ___

Timing of Inspection:
- ___ Prior to Disturbance
- ___ During Disturbance
- X After Disturbance

Work Site Description:
Section Type: ___ Riffle
- X Run
- X Pool - Max. Depth: 7
- ___ Other: ___

Section Length: 50 m
Bank to Bank Width: 10 m
Average Depth: 7 m
Est. Water Flow: 5 m3/s
Avg. Width of Channel: 10 m

Water Level:
- ___ Low
- X Medium
- ___ High

Water Clarity:
- X Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- X Dark Brown
- ___ Light Brown
- ___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		
gravel: 5.0 - 53mm; pea size to fist size		20
rubble: 53 - 160mm: fist size to head size		80
boulder: 460mm and larger		

Shoreline Description: ___

Spawning Area
Type:
- X Salmonid
- X Warmwater

Good: 50 m
Fair: ___ m
Poor: ___ m

Nursery Area
Type:
- X Salmonid
- X Warmwater

Good: 50 m
Fair: ___ m
Poor: ___ m

Water Temperature: 15 C

Air Temperature: _____C

Bank Cover:
___Open
___Meduim
_X_Dense

Shoreline Condition:
__X_Grasses
___Shrubs
__X_Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 10 m Right 50 m

Fish Presence: Unknown

Fish Species	Observed	Reported	Number of Mortalities Observed
		1	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No _X_Unknown

If so describe _____

Is this site typical of the adjacent stream area? _X_Yes ___No

Other Information Taken:
___Water Samples ___Photographs ___Fish Samples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
_X_No Further Inspection

Alteration Number: 2230-85

Type: LG Region EUDY

Inspected By: _____ Date: 07/15/82

Applicant: Coastal Const. Phone #: _____

Address: RR1 ST GEORGE

Name of Watercourse: Goulds Lg Stream Tributary: WAWEIG RIVER

County: _____ Parish: ST CROIX

Type of Inspection:
__X__ General
___ "No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
___ Prior to Disturbance
___ During Disturbance
__X__ After Disturbance

Work Site Description:
Section Type: ___ Riffle
___ Run
__X__ Pool - Max. Depth: ?
___ Other: _____

Section Length: 50 m
Bank to Bank Width: 10 m
Average Depth: ? m
Est. Water Flow: ? m3/s
Avg. Width of Channel: 10 m

Water Level:
___ Low
__X__ Medium
___ High

Water Clarity:
__X__ Clear
___ Cloudy
___ Muddy

Water Color:
__X__ Dark Brown
___ Light Brown
___ Clear

Observed Bottom Material: __X__ Bottom not Visible

	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.	
clay: no structure, greasy feel between fingers	
silt: 0.005 - 0.05mm; dust size	
sand: 0.025 - 2.5mm; gritty texture	
gravel: 5.0 - 53mm; pea size to fist size	
rubble: 53 - 180mm: fist size to head size	
boulder: 460mm and larger	

Shoreline Description: _____

Spawning Area
Type:
__X__ Salmonid
__X__ Warmwater

__X__ Good: 50 m
___ Fair: _____ m
___ Poor: _____ m

Nursery Area
Type:
__X__ Salmonid
__X__ Warmwater

__X__ Good: 50 m
___ Fair: _____ m
___ Poor: _____ m

Water Temperature: 17 C

Air Temperature: _____ C

Owner:

Shoreline Condition:
- X Grasses
- X Shrubs
- X Trees
- ___ Eroding Bank

Width of Bank Viewing Downstream: Left 40 m Right 10 m

Fish Observance:

Species	Observed	Reported	Number of Mortalities Observed
Dace	X	1	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes _X_No ___Unknown

If so describe near old cedar mill

Is this site typical of the adjacent stream area? ___Yes ___No

Other Information Taken:
- ___Water Samples
- ___Photographs
- ___Fish Samples
- ___Aquatic Insects
- ___Violation Report Completed

Comments and Recommendations:

Action Taken:
- ___Further Inspection On: _____
- ___Contacting Owner
- ___Alerting DFO
- ___Alerting DNR
- X No Further Inspection

Alteration Number: 2608-87

Type: LF Region FUNDY

Inspected By: TERRY Date: _____

Applicant: CITY OF FREDERICTON Phone #: 452-9500

Address: P.O. BOX 130 FREDERICTON

Name of Watercourse: ST. JOHN RIVER Tributary: BAY OF FUNDY

County: YORK Parish: CITY OF FREDERICTON

Type of Inspection:
X General
___ "No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
X Prior to Disturbance
___ During Disturbance
X After Disturbance

Work Site Description:
Section Type: ___ Riffle
X Run
___ Pool - Max. Depth: _____
___ Other: _____
_____

Section Length: 10 m
Bank to Bank Width: 50 m
Average Depth: ? m
Est. Water Flow: ? m3/s
Avg. Width of Channel: 50 m

Water Level:
X Low
___ Medium
___ High

Water Clarity:
___ Clear
___ Cloudy
X Muddy

Water Color:
X Dark Brown
___ Light Brown
___ Clear

Observed Bottom Material: Bottom not Visible X % of Stream Bottom

detrius: composed of small organic particles like sawdust, sticks, leaves, etc. _____

clay: no structure, greasy feel between fingers _____

silt: 0.005 - 0.05mm; dust size _____

sand: 0.025 - 2.5mm; gritty texture _____

gravel: 5.0 - 53mm; pea size to fist size _____

rubble: 53 - 180mm: fist size to head size _____

boulder: 460mm and larger _____

Shoreline Description: bare rock

Spawning Area
Type:
___ Good: _____ m
X Salmonid ___ Fair: _____ m
X Warmwater ___ Poor: _____ m

Nursery Area
Type:
___ Good: _____ m
___ Salmonid ___ Fair: _____ m
___ Warmwater ___ Poor: _____ m

Water Temperature: 15 C

Air Temperature: 20 C

Bank Cover:
_X_Open
___Meduim
___Dense

Shoreline Condition:
_X_Grasses
___Shrubs
___Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left _____m Right _____m

Fish Presence: unk

Fish Species	Observed	Reported	Number of Mortalities Observed
Salmon	_____	X	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? _X_Yes ___No ___Unknown

If so describe dam upstream

Is this site typical of the adjacent stream area? _X_Yes ___No

Other Information Taken:
___Water Samples ___Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
_X_No Further Inspection

Alteration Number: 2804-87

Type: 1 D Region FUNDY

Inspected By: TERRY Date: _____

Applicant: VALLEY FORGE PRODUCTS LTD Phone #: 575-2221

Address: RR 2 CO. 1004 NASHWICK

Name of Watercourse: LITTLE YORK BROOK Tributary: YORK STREAM

County: YORK Parish: NEW MARYLAND

Type of Inspection:
__x__ General
_____ "No Permit" Violation
_____ Pollution (specify): _____

Timing of Inspection:
_____ Prior to Disturbance
_____ During Disturbance
__x__ After Disturbance

Work Site Description:
Section Type: ___ Riffle
__x__ Run
_____ Pool - Max. Depth: _____
_____ Other: _____
_____

Section Length: 20 m
Bank to Bank Width: 1 m
Average Depth: 0.01 m
Est. Water Flow: min m3/s
Avg. Width of Channel: 0.5 m

Water Level:
__x__ Low
_____ Medium
_____ High

Water Clarity:
__x__ Clear
_____ Cloudy
_____ Muddy

Water Color:
_____ Dark Brown
__x__ Light Brown
_____ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		70
gravel: 5.0 - 53mm; pea size to fist size		30
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: _____

_____

Spawning Area

Type:		
	Good:	m
x Salmonid	x Fair: 15	m
x Warmwater	Poor:	m

Nursery Area

Type:		
	Good:	m
x Salmonid	x Fair: 15	m
x Warmwater	Poor:	m

Water Temperature: 15 C

Air Temperature: _____ C

Bank Cover:
___Open
_X_Medium
___Dense

Shoreline Condition:
_X_Grasses
_X_Shrubs
_X_Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 10 m Right 10 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
unk			

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No _X_Unknown

If so describe _____

Is this site typical of the adjacent stream area? _X_Yes ___No

Other Information Taken:
___Water Samples _X_Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
_X_No Further Inspection

Iteration Number: 2674-87

Type: ID Region GULF

Inspected By: TERRY Date: _____

Applicant: D.O.T Phone #: 523-4403

Address: PO BOX 129 RESTON

Name of Watercourse: TROUT BROOK Tributary: RICHIBUCTO RIVER

County: KENT Parish: WELFORD

Type of Inspection:
x General
___"No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
___ Prior to Disturbance
___ During Disturbance
x After Disturbance

Work Site Description:
Section Type: ___Riffle
x Run
___Pool - Max. Depth: _____
___Other: _____
_____

Section Length: 20 m
Bank to Bank Width: 4 m
Average Depth: — m
Est. Water Flow: ? m3/s
Avg. Width of Channel: 3 m

Water Level:
x Low
___Medium
___High

Water Clarity:
x Clear
___Cloudy
___Muddy

Water Color:
x Dark Brown
___Light Brown
___Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		80
sand: 0.025 - 2.5mm; gritty texture		10
gravel: 5.0 - 53mm; pea size to fist size		10
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: _____

_____

Spawning Area
Type:
___Good: _____ m
x Salmonid ___Fair: _____ m
x Warmwater x Poor: 20 m

Nursery Area
Type:
___Good: _____ m
x Salmonid ___Fair: _____ m
x Warmwater x Poor: 20 m

Water Temperature: 15 C

Air Temperature: _____C

Bank Cover:
___Open
_X_Meduim
___Danse

Shoreline Condition:
_X_Grasses
_X_Shrubs
_X_Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 20 m Right 10 m

Fish Presence: unk

Fish Species	Observed	Reported	Number of Mortalities Observed
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No _X_Unknown

If so describe _____

_____

_____

Is this site typical of the adjacent stream area? _X_Yes ___No

Other Information Taken:
___Water Samples _X_Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

_____

_____

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
_X_No Further Inspection

Alteration Number: 2273-87

Type: C Region F

Inspected By: TERRY Date: 20/09/88

Applicant: Tuckis Ltd Phone #:

Address: P.O. Box 49 Lockeport N.S.

Name of Watercourse: UNNAMED Tributary: MORICE CK

County: Queens Parish: Jackville

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- X During Disturbance
- ___ After Disturbance

Work Site Description:
Section Type: ___ Riffle
___ Run
___ Pool - Max. Depth: _____
___ Other: MARSH

Section Length: 10 m
Bank to Bank Width: 2 m
Average Depth: 0 m
Est. Water Flow: _____ m3/s
Avg. Width of Channel: 0 m

Water Level:
___ Low
___ Medium
F ___ High

Water Clarity:
___ Clear
___ Cloudy
___ Muddy

Water Color:
___ Dark Brown
___ Light Brown
___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		50
silt: 0.005 - 0.05mm; dust size		50
sand: 0.025 - 2.5mm; gritty texture		
gravel: 5.0 - 53mm; pea size to fist size		
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: MARSH

Spawning Area
Type:
___ Salmonid
___ Warmwater

___ Good: _____ m
___ Fair: _____ m
___ Poor: _____ m

Nursery Area
Type:
X Salmonid
___ Warmwater

___ Good: _____ m
___ Fair: _____ m
___ Poor: _____ m

Water Temperature: 0 C

Air Temperature: _____C

Bank Cover:
___Open
___Xeduim
___Dense

Shoreline Condition:
_X_Grasses
___Shrubs
___Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 5 m Right 5 m

Fish Presence: N. Pike

Fish Species	Observed	Reported	Number of Mortalities Observed
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes _X_No ___Unknown

If so describe _____

_____

_____

Is this site typical of the adjacent stream area? _X_Yes ___No

Other Information Taken:
___Water Samples _X_Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

_____

_____

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
_X_No Further Inspection

Alteration Number: 1701-87

Type: 2C Region F

Inspected By: Terry Date: 87/10/9

Applicant: JAMES MOORE Phone #: 647-7427

Address: LOT 41 PARISH SUB RR#4 ST JOHN

Name of Watercourse: W. GUIRE BK Tributary: CARPENTER POND

County: ST JOHN Parish: ROTHESAY

Type of Inspection:
X General
___ "No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
___ Prior to Disturbance
___ During Disturbance
X After Disturbance

Work Site Description:
Section Type: ___ Riffle
X Run
___ Pool - Max. Depth: _____
___ Other: _____
_____

Section Length: 15 m
Bank to Bank Width: 3 m
Average Depth: 0.2 m
Est. Water Flow: 2 m3/s
Avg. Width of Channel: 2 m

Water Level:
X Low
___ Medium
___ High

Water Clarity:
X Clear
___ Cloudy
___ Muddy

Water Color:
___ Dark Brown
___ Light Brown
X Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		90
gravel: 5.0 - 53mm; pea size to fist size		10
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: Deciduous, alders

Spawning Area Type:

	___ Good:	___ m
___ Salmonid	___ Fair:	___ m
X Warmwater	X Poor:	5 m

Nursery Area Type:

	___ Good:	___ m
X Salmonid	X Fair:	5 m
X Warmwater	___ Poor:	___ m

Water Temperature: 2 C

Air Temperature: _____ C

Bank Cover:
___Open
X Reduim
___Dense

Shoreline Condition:
___Grasses
X Shrubs
X Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 10 m Right 20 m

Fish Presence: unk

Fish Species	Observed	Reported	Number of Mortalities Observed
		1	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No X Unknown

If so describe _____

Is this site typical of the adjacent stream area? ___Yes X No

Other Information Taken:
___Water Samples X Photographs ___Fish Samples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: stabilize bank

Action Taken:
___Further Inspection On: _____
X Contacting Owner
___Alerting DFO
___Alerting DNR
___No Further Inspection

Alteration Number: 2516-86

Type: LD Region GULF

Inspected By: TERRY Date: 09/09/87

Applicant: CONDE GIRARD Phone #: 363-8208

Address: ST. BASILE

Name of Watercourse: CAVIE BROOK Tributary: ST. JOHN

County: RESTIGOUCHE Parish: ST. BASILE

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- X Prior to Disturbance
- ___ During Disturbance
- ___ After Disturbance

Work Site Description:
Section Type: ___ Riffle
___ Run
___ Pool - Max. Depth: _____
___ Other: _____
_____

Section Length: _____ m
Bank to Bank Width: _____ m
Average Depth: _____ m
Est. Water Flow: _____ m3/s
Avg. Width of Channel: _____ m

Water Level:
- X Low
- ___ Medium
- ___ High

Water Clarity:
- X Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- X Dark Brown
- ___ Light Brown
- ___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		
gravel: 5.0 - 53mm; pea size to fist size		
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: _____

_____

Spawning Area
Type:
___ Salmonid
___ Warmwater

___ Good: _____ m
___ Fair: _____ m
___ Poor: _____ m

Nursery Area
Type:
___ Salmonid
___ Warmwater

___ Good: _____ m
___ Fair: _____ m
___ Poor: _____ m

Water Temperature: _____C

Air Temperature: _____C

Bank Cover:
___Open
___Meduim
___Danse

Shoreline Condition:
___Grasses
___Shrubs
___Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left _____m Right _____m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No ___Unknown

If so describe _____

_____

_____

Is this site typical of the adjacent stream area? ___Yes ___No

Other Information Taken:
___Water Samples ___Photographs ___Fish Samples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: Does not show up on inspection.

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
___No Further Inspection

Alteration Number: 2618-87

Type: LG Region FUNDY

Inspected By: TERRY Date: 09/10/87

Applicant: FRASER INC Phone #: 735-5551

Address: 27 RICE ST. EDMONSTON

Name of Watercourse: 8 MILE BROOK Tributary: McDOUGALL BROOK

County: RESTIGOUCHE Parish: ST. QUENTIN

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- X Prior to Disturbance
- ___ During Disturbance
- ___ After Disturbance

Work Site Description:
Section Type:
- X Riffle
- X Run
- ___ Pool - Max. Depth: _____
- ___ Other: _____

Section Length: 10 m
Bank to Bank Width: 1.5 m
Average Depth: 0.05 m
Est. Water Flow: 0.04 m3/s
Avg. Width of Channel: 1 m

Water Level:
- X Low
- ___ Medium
- ___ High

Water Clarity:
- X Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- ___ Dark Brown
- ___ Light Brown
- X Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		
gravel: 5.0 - 53mm; pea size to fist size		20
rubble: 53 - 180mm: fist size to head size		80
boulder: 460mm and larger		

Shoreline Description: _____

Spawning Area
Type:
- X Salmonid
- X Warmwater

Good: 10 m
Fair: _____ m
Poor: _____ m

Nursery Area
Type:
- X Salmonid
- X Warmwater

Good: 10 m
Fair: _____ m
Poor: _____ m

Water Temperature: 15 C

Air Temperature: 20 C

Bank Cover:
___Open
___Meduim
___Danse

Shoreline Condition:
__X Grasses
__X Shrubs
__X Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 15 m Right 15 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
Brook Trout		X	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No __X Unknown

If so describe _____

Is this site typical of the adjacent stream area? X Yes ___No

Other Information Taken:
___Water Samples ___X Photographs ___Fish Samples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: Old culvert casing in

Action Taken:
__X Further Inspection On: during Const.
___Contacting Owner
___Alerting DFO
___Alerting DNR
___No Further Inspection

Alteration Number: 2613-87

Type: 16 Region FUNDY

Inspected By: TERRY Date: 09/10/87

Applicant: FRASER INC Phone #: 735-5551

Address: 27 RICE STREET EDMONSTON

Name of Watercourse: 5 MILE BROOK Tributary: FALLS BROOK

County: RESTIGOUCHE Parish: ST. QUENTIN

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- ___ During Disturbance
- X After Disturbance

Work Site Description:
Section Type: ___ Riffle
- X Run
- X Pool - Max. Depth: 1
- ___ Other: _____

Section Length: 10 m
Bank to Bank Width: 2 m
Average Depth: 0.1 m
Est. Water Flow: 0.5 m3/s
Avg. Width of Channel: 2 m

Water Level:
- X Low
- ___ Medium
- ___ High

Water Clarity:
- X Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- ___ Dark Brown
- ___ Light Brown
- X Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		20
gravel: 5.0 - 53mm; pea size to fist size		70
rubble: 53 - 180mm: fist size to head size		10
boulder: 460mm and larger		

Shoreline Description: young alders

Spawning Area
Type:
- ___ Salmonid
- X Warmwater

Good: ___ m
Fair: 10 m
Poor: ___ m

Nursery Area
Type:
- X Salmonid
- X Warmwater

Good: 10 m
Fair: ___ m
Poor: ___ m

Water Temperature: 15 C

Air Temperature: _____C

Bank Cover:
___Open
___Meduim
_X_Dense

Shoreline Condition:
___Grasses
___Shrubs
__X_Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 10 m Right 10 m

Fish Presence: unk

Fish Species	Observed	Reported	Number of Mortalities Observed
_____	_____	_____	_____
_____	_____	1 _____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No __X_Unknown

If so describe _____

_____

_____

Is this site typical of the adjacent stream area? __X_Yes ___No

Other Information Taken:
___Water Samples __X_Photographs ___Fish Samples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

_____

_____

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
__X_No Further Inspection

Alteration Number: 2576-86

Type: ID Region FUNDY

Inspected By: TERRY Date: 10/5/87

Applicant: FRASER INC Phone #: 735-5551

Address: 27 RICE STREET, EDMONSTON

Name of Watercourse: MADAWASKA RIVER Tributary: ST JOHN RIVER

County: _____ Parish: MADAWASKA

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- X During Disturbance
- ___ After Disturbance

Work Site Description:
Section Type: ___ Riffle
- X Run
- ___ Pool - Max. Depth: _____
- ___ Other: _____

Section Length: 25 m

Bank to Bank Width: 5 m

Average Depth: ? m

Est. Water Flow: ? m3/s

Avg. Width of Channel: 5 m

Water Level:
- ___ Low
- X Medium
- ___ High

Water Clarity:
- ___ Clear
- X Cloudy
- ___ Muddy

Water Color:
- X Dark Brown
- ___ Light Brown
- ___ Clear

Observed Bottom Material: Bottom not Visible X % of Stream Bottom

detrius: composed of small organic particles like sawdust, sticks, leaves, etc. _____

clay: no structure, greasy feel between fingers _____

silt: 0.005 - 0.05mm; dust size _____

sand: 0.025 - 2.5mm; gritty texture _____

gravel: 5.0 - 53mm; pea size to fist size _____

rubble: 53 - 180mm: fist size to head size _____

boulder: 460mm and larger _____

Shoreline Description: Downtown Edmonston

Spawning Area
Type:
- ___ Salmonid
- X Warmwater

Good: _____ m
Fair: _____ m
Poor: 25 m

Nursery Area
Type:
- ___ Salmonid
- X Warmwater

Good: _____ m
Fair: _____ m
Poor: 23 m

Water Temperature: 15 C

Air Temperature: 21 C

Bank Cover:
__X Open
___ Meduim
___ Dense

Shoreline Condition:
___ Grasses
___ Shrubs
___ Trees
___ Eroding Bank

Height of Bank Viewing Downstream: Left 10 m Right 10 m

Fish Presence: unk

Fish Species	Observed	Reported	Number of Mortalities Observed

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___ Yes _X_ No ___ Unknown

If so describe _____

Is this site typical of the adjacent stream area? ___ Yes _X_ No

Other Information Taken:
___ Water Samples
_X_ Photographs
___ Fish Sammples
___ Aquatic Insects
___ Violation Report Completed

Comments and Recommendations: _____

Action Taken:
___ Further Inspection On: _____
___ Contacting Owner
___ Alerting DFO
___ Alerting DNR
_X_ No Further Inspection

Alteration Number: 2706-87

Type: ID Region GULF

Inspected By: TERRY Date: 01/09/87

Applicant: CHALEUR PULPWOOD LTD. Phone #: 783-4072

Address: ROBERTVILLE

Name of Watercourse: N.B. MIDDLE RIVER Tributary: MIDDLE RIVER

County: GLOUCESTER Parish: BATHURST

Type of Inspection:
X General
___"No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
___ Prior to Disturbance
___ During Disturbance
___ After Disturbance

Work Site Description:
Section Type: ___Riffle
___Run
___Pool - Max. Depth: _____
___Other: _____
_____

Section Length: _____m
Bank to Bank Width: _____m
Average Depth: _____m
Est. Water Flow: _____m3/s
Avg. Width of Channel: _____m

Water Level:
___Low
___Medium
___High

Water Clarity:
___Clear
___Cloudy
___Muddy

Water Color:
___Dark Brown
___Light Brown
___Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		
gravel: 5.0 - 53mm; pea size to fist size		
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: _____

_____

Spawning Area
Type:
___Salmonid
___Warmwater
___Good: _____m
___Fair: _____m
___Poor: _____m

Nursery Area
Type:
___Salmonid
___Warmwater
___Good: _____m
___Fair: _____m
___Poor: _____m

Water Temperature: _____C

Air Temperature: _____C

Bank Cover:
___Open
___Meduim
___Dense

Shoreline Condition:
___Grasses
___Shrubs
___Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left _____m Right _____m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No ___Unknown

If so describe _____

_____

_____

Is this site typical of the adjacent stream area? ___Yes ___No

Other Information Taken:
___Water Samples ___Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: Access to crossing closed by Rangers due to lack of water and possible damage.

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
___No Further Inspection

Alteration Number: 2623-87

Type: 26 Region GULF

Inspected By: TERRY Date: 01/08/88

Applicant: JEAN-CHARLES PALLOT Phone #: 764-5573

Address: RR#2, RTE 6, SITE 76, PAQUETVILLE

Name of Watercourse: ADAMS BROOK Tributary: CARAQUET RIVER

County: GLOUCESTER Parish: PAQUETVILLE

Type of Inspection:
- x General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- ___ During Disturbance
- x After Disturbance

Work Site Description:
Section Type:
- ___ Riffle
- ___ Run
- x Pool - Max. Depth: 2 m
- x Other: _____

Section Length: 50 m
Bank to Bank Width: 2 m
Average Depth: 2 m
Est. Water Flow: none m3/s
Avg. Width of Channel: 2 m

Water Level:
- x Low
- ___ Medium
- ___ High

Water Clarity:
- x Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- ___ Dark Brown
- x Light Brown
- ___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		5
sand: 0.025 - 2.5mm; gritty texture		90
gravel: 5.0 - 53mm; pea size to fist size		5
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: Log Jam

Spawning Area
Type:
- x Salmonid
- x Warmwater

Good: ___ m
Fair: ___ m
Poor: 50 m

Nursery Area
Type:
- x Salmonid
- x Warmwater

Good: ___ m
Fair: ___ m
Poor: 50 m

Water Temperature: 15 C

Air Temperature: 17 C

Bank Cover:
___Open
__Xeduim
_xDense

Shoreline Condition:
_xGrasses
___Shrubs
_xTrees
_xEroding Bank

Height of Bank Viewing Downstream: Left 25 m Right 25 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
Trout	x	1	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes _xNo ___Unknown

If so describe _____

Is this site typical of the adjacent stream area? ___Yes _xNo

Other Information Taken:
___Water Samples _xPhotographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: Stabilize banks and around inlet pipe.

Action Taken:
___Further Inspection On: _____
_xContacting Owner
___Alerting DFO
___Alerting DNR
___No Further Inspection

Alteration Number: 2739-87

Type: 16 Region FUNDY

Inspected By: TERRY Date: 2/9/87

Applicant: GORDON MUD & SONS LTD Phone #: 366-5212

Address: RR #3, HARVEY

Name of Watercourse: CRANBERRY BROOK RIVAROUND Tributary: CRANBERRY BROOK

County: YORK Parish: McADAM

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- ___ During Disturbance
- X After Disturbance

Work Site Description:
Section Type:
- ___ Riffle
- X Run
- ___ Pool - Max. Depth: _____
- ___ Other: _____

Section Length: 15 m
Bank to Bank Width: 2 m
Average Depth: 0.5 m
Est. Water Flow: 2 m3/s
Avg. Width of Channel: 2 m

Water Level:
- ___ Low
- X Medium
- ___ High

Water Clarity:
- X Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- X Dark Brown
- ___ Light Brown
- ___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		60
gravel: 5.0 - 53mm; pea size to fist size		30
rubble: 53 - 180mm: fist size to head size		10
boulder: 460mm and larger		

Shoreline Description: culvert at end of work stream

Spawning Area
Type:
- X Salmonid
- X Warmwater

Good: 30 m
Fair: _____ m
Poor: _____ m

Nursery Area
Type:
- X Salmonid
- X Warmwater

Good: 30 m
Fair: _____ m
Poor: _____ m

Water Temperature: 12 C

Air Temperature: 20 C

Bank Cover:
___Open
__x__Heduim
___Dense

Shoreline Condition:
___Grasses
__x__Shrubs
__x__Trees
___Broding Bank

Height of Bank Viewing Downstream: Left 20 m Right 10 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
Dace		x	
Trout		x	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No __x__Unknown

If so describe Beaver dam upstream

Is this site typical of the adjacent stream area? __x__Yes ___No

Other Information Taken:
___Water Samples __x__Photographs ___Fish Samplee
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: Stabilize banks

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
__x__No Further Inspection

Alteration Number: 2469-87

Type: 1 D Region Fundy

Inspected By: Terry Date: 09/09/87

Applicant: Lft De Patelmonde LTD Phone #: 735-6041

Address: CP 517 ST JACQUES

Name of Watercourse: BRUITE RIVER Tributary: ST. JOHN RIVER

County: _____ Parish: ST JACQUES

Type of Inspection:
__x__ General
___ "No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
___ Prior to Disturbance
___ During Disturbance
__x__ After Disturbance

Work Site Description:
Section Type: __x__ Riffle
__x__ Run
___ Pool - Max. Depth: _____
___ Other: _____
_____

Section Length: 10 m
Bank to Bank Width: 2 m
Average Depth: 0 2 m
Est. Water Flow: 3 m3/s
Avg. Width of Channel: 2 m

Water Level:
___ Low
__x__ Medium
___ High

Water Clarity:
__x__ Clear
___ Cloudy
___ Muddy

Water Color:
___ Dark Brown
___ Light Brown
__x__ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		
gravel: 5.0 - 53mm; pea size to fist size		10
rubble: 53 - 160mm: fist size to head size		90
boulder: 460mm and larger		

Shoreline Description: Open forest

Spawning Area
Type:
__x__ Salmonid
__x__ Warmwater

__x__ Good: 10 m
___ Fair: _____ m
___ Poor: _____ m

Nursery Area
Type:
__x__ Salmonid
__x__ Warmwater

__x__ Good: 10 m
___ Fair: _____ m
___ Poor: _____ m

Water Temperature: 15 C

Air Temperature: 20 C

Bank Cover:
___Open
__X__Medium
___Dense

Shoreline Condition:
__X__Grasses
___Shrubs
__X__Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 20 m Right 20 m

Fish Presence: unk

Fish Species	Observed	Reported	Number of Mortalities Observed

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No __X__Unknown

If so describe _____

Is this site typical of the adjacent stream area? ___Yes __X__No

Other Information Taken:
___Water Samples __X__Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
__X__No Further Inspection

Alteration Number: 2797-87

Type: L.D. Region GULF

Inspected By: TERRY Date: 01/09/87

Applicant: D.O.T Phone #: 546-9992

Address: P.O. DRAWER P BATHURST

Name of Watercourse: CHAMBERLAIN BROOK Tributary: CHALEUR BAY

County: GLOUCESTER Parish: NEW BRANDON

Type of Inspection:
X General
___"No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
X Prior to Disturbance
___ During Disturbance
___ After Disturbance

Work Site Description:
Section Type: ___Riffle
X Run
___Pool - Max. Depth: _____
___Other: _____

Section Length: 100 m
Bank to Bank Width: 20 m
Average Depth: ? m
Est. Water Flow: NONE m3/s
Avg. Width of Channel: 2 m

Water Level:
X Low
___Medium
___High

Water Clarity:
___Clear
X Cloudy
___Muddy

Water Color:
X Dark Brown
___Light Brown
___Clear

Observed Bottom Material: Bottom not Visible X % of Stream Bottom

detrius: composed of small organic particles like sawdust, sticks, leaves, etc. _____

clay: no structure, greasy feel between fingers _____

silt: 0.005 - 0.05mm; dust size _____

sand: 0.025 - 2.5mm; gritty texture _____

gravel: 5.0 - 53mm; pea size to fist size _____

rubble: 53 - 180mm: fist size to head size _____

boulder: 460mm and larger _____

Shoreline Description: _____

Spawning Area
Type:
___Salmonid
___Warmwater
___Good: _____m
___Fair: _____m
X Poor: _____m

Nursery Area
Type:
X Salmonid
X Warmwater
___Good: _____m
___Fair: _____m
X Poor: _____m

Water Temperature: _____C

Air Temperature: 18 C

Bank Cover:
___Open
_X_Medium
___Dense

Shoreline Condition:
_X_Grasses
___Shrubs
___Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 23 m Right 20 m

Fish Presence: unk.

Fish Species	Observed	Reported	Number of Mortalities Observed
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No _X_Unknown

If so describe _____

_____

_____

Is this site typical of the adjacent stream area? ___Yes ___No

Other Information Taken:
___Water Samples _X_Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

_____

_____

Action Taken:
_X_Further Inspection On: during construction
___Contacting Owner
___Alerting DFO
___Alerting DNR
___No Further Inspection

Alteration Number: 2690-87

Type: 26 Region GULF

Inspected By: TERRY Date: _____

Applicant: JOHN CARNAHAN Phone #: 622-2785

Address: RR#1, MILLERTON

Name of Watercourse: UNNAMED Tributary: SW MIRAMICHI

County: NORTHUMBERLAND Parish: DERBY

Type of Inspection:
- x General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- ___ During Disturbance
- x After Disturbance

Work Site Description:
Section Type: ___ Riffle
- x Run
- x Pool - Max. Depth: 3m
- ___ Other: _____

Section Length: 10 m
Bank to Bank Width: 2 m
Average Depth: 0.2 m
Est. Water Flow: 1 m3/s
Avg. Width of Channel: 1 m

Water Level:
- x Low
- ___ Medium
- ___ High

Water Clarity:
- x Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- ___ Dark Brown
- x Light Brown
- ___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc. (POND BOTTOM NOT VISIBLE)		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		40
gravel: 5.0 - 53mm; pea size to fist size		50
rubble: 53 - 180mm: fist size to head size		10
boulder: 460mm and larger		

Shoreline Description: intake pipe with large culvert

Spawning Area
Type:
- x Salmonid
- x Warmwater

Good: 15 m
Fair: _____ m
Poor: _____ m

Nursery Area
Type:
- x Salmonid
- x Warmwater

Good: 20 m
Fair: _____ m
Poor: _____ m

Water Temperature: 16 C

Air Temperature: 22 C

Bank Cover:
___Open
_x_Meduim
___Dense

Shoreline Condition:
_x_Grasses
___Shrubs
_x_Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 10 m Right 10 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
Dace	x		
Brook Trout		1 x	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No _x_Unknown

If so describe _____

Is this site typical of the adjacent stream area? _x_Yes ___No

Other Information Taken:
___Water Samples _x_Photographs ___Fish Samples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: Remove slash from stream, stabilize banks around pond

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
_x_No Further Inspection

Alteration Number: 2751-87

Type: 1 G Region: FUNDY

Inspected By: TERRY Date: 26/10/87

Applicant: D.O.T Phone #:

Address: P.O. Box 6000 FREDERICTON

Name of Watercourse: INDIAN BROOK Tributary: ST. JOHN RIVER

County: YORK Parish: KINGSCLEAR

Type of Inspection:
- x General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- ___ During Disturbance
- x After Disturbance

Work Site Description:
Section Type:
- ___ Riffle
- x Run
- ___ Pool - Max. Depth: _____
- ___ Other: _____

Section Length: 20 m

Bank to Bank Width: 3 m

Average Depth: 0.03 m

Est. Water Flow: 0.1 m3/s

Avg. Width of Channel: 3 m

Water Level:
- x Low
- ___ Medium
- ___ High

Water Clarity:
- x Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- ___ Dark Brown
- x Light Brown
- ___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		80
gravel: 5.0 - 53mm; pea size to fist size		20
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: Young alders, grass

Spawning Area Type:

	___ Good:	___ m
x Salmonid	x Fair:	10 m
___ Warmwater	___ Poor:	___ m

Nursery Area Type:

	___ Good:	___ m
x Salmonid	x Fair:	15 m
___ Warmwater	___ Poor:	___ m

Water Temperature: 12 C

Air Temperature: 17 C

Bank Cover:
___Open
__X_Meduim
___Dense

Shoreline Condition:
__X_Grasses
___Shrubs
__X_Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 10 m Right 10 m

Fish Presence: unk

Fish Species	Observed	Reported	Number of Mortalities Observed
		1	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No __X_Unknown

If so describe _____

Is this site typical of the adjacent stream area? __X_Yes ___No

Other Information Taken:
___Water Samples ___Photographs ___Fish Samples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
__X_No Further Inspection

Alteration Number: 2583-87

Type: 1 D Region FUNDY

Inspected By: TERRY Date: 6/8/87

Applicant: D.O.T Phone #: _____

Address: P.O. Box 6000, FREDERICTON

Name of Watercourse: UNNAMED Tributary: NORTH OCOMOCTO RIVER

County: _____ Parish: GLADSTONE

Type of Inspection:
- x General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- ___ During Disturbance
- x After Disturbance

Work Site Description:
Section Type:
- ___ Riffle
- x Run
- ___ Pool - Max. Depth: _____
- ___ Other: _____
- _____

Section Length: 50 m

Bank to Bank Width: 1 m

Average Depth: 0.01 m

Est. Water Flow: TOO SMALL m3/s

Avg. Width of Channel: 0.3 m

Water Level:
- x Low
- ___ Medium
- ___ High

Water Clarity:
- x Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- x Dark Brown
- ___ Light Brown
- ___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		50
gravel: 5.0 - 53mm; pea size to fist size		40
rubble: 53 - 180mm: fist size to head size		10
boulder: 460mm and larger		

Shoreline Description: Open and open stream, dense brush throughout

Spawning Area Type:
- x Salmonid
- x Warmwater

Good: _____ m
Fair: 10 m
Poor: _____ m

Nursery Area Type:
- x Salmonid
- x Warmwater

Good: 10 m
Fair: _____ m
Poor: _____ m

Water Temperature: 25 C

Air Temperature: 25 C

Bank Cover:
- x Open
- ___ Meduim
- ___ Danse

Shoreline Condition:
- ___ Grasses
- x Shrubs
- x Trees
- ___ Eroding Bank

Height of Bank Viewing Downstream: Left 10 m Right 10 m

Fish Presence: none

Fish Species	Observed	Reported	Number of Mortalities Observed
		1	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___ Yes ___ No x Unknown

If so describe _____

Is this site typical of the adjacent stream area? ___ Yes x No

Other Information Taken:
- ___ Water Samples
- x Photographs
- ___ Fish Samples
- ___ Aquatic Insects
- ___ Violation Report Completed

Comments and Recommendations: Owner of lands on site

Action Taken:
- ___ Further Inspection On: _____
- x Contacting Owner
- ___ Alerting DFO
- ___ Alerting DNR
- x No Further Inspection

Alteration Number: 2712-97

Type: 16 Region FUNDY

Inspected By: TERRY Date: 2/10/97

Applicant: D.O.T Phone #:

Address: P.O BOX 6000, FREDERICTON

Name of Watercourse: UNNAMED Tributary: LITTLE PRESQUE ISLE STM.

County: CARLETON Parish: WILLIOT

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- X Prior to Disturbance
- ___ During Disturbance
- ___ After Disturbance

Work Site Description:
Section Type: ___ Riffle
- X Run
- ___ Pool - Max. Depth: _____
- ___ Other: _____

Section Length: 15 m
Bank to Bank Width: 2 m
Average Depth: 0.1 m
Est. Water Flow: 1 m3/s
Avg. Width of Channel: 1 m

Water Level:
- 1 Low
- ___ Medium
- ___ High

Water Clarity:
- X Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- ___ Dark Brown
- X Light Brown
- ___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		50
gravel: 5.0 - 53mm; pea size to fist size		50
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: Brush, field

Spawning Area

Type:		
	___ Good:	_____ m
X Salmonid	X Fair:	10 m
X Warmwater	___ Poor:	_____ m

Nursery Area

Type:		
	___ Good:	_____ m
X Salmonid	X Fair:	10 m
X Warmwater	___ Poor:	_____ m

Water Temperature: 12 C

Air Temperature: 18 C

Bank Cover:
X Open
___Medium
___Dense

Shoreline Condition:
X Grasses
___Shrubs
___Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 20 m Right 40 m

Fish Presence: unk

Fish Species	Observed	Reported	Number of Mortalities Observed

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No X Unknown

If so describe _____

Is this site typical of the adjacent stream area? ___Yes X No

Other Information Taken:
___Water Samples ___Photographs ___Fish Samples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

Action Taken:
X Further Inspection On: during construction
___Contacting Owner
___Alerting DFO
___Alerting DNR
___No Further Inspection

Alteration Number: 2582-87

Type: 2B Region Fredy

Inspected By: TCEC Date: _____

Applicant: SOREY STORES LTD Phone #: 459-3113

Address: C/O MULTI-VENTURES LTD, TRACY

Name of Watercourse: UNNAMED Tributary: ST. JOHN RIVER

County: SUNBURY Parish: BURTON

Type of Inspection:
- x General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- ___ During Disturbance
- x After Disturbance

Work Site Description:
Section Type: ___ Riffle
- x Run
- ___ Pool - Max. Depth: _____
- ___ Other: _____

Section Length: 20 m
Bank to Bank Width: 2 m
Average Depth: 0.02 m
Est. Water Flow: MIN m3/s
Avg. Width of Channel: 1 m

Water Level:
- x Low
- ___ Medium
- ___ High

Water Clarity:
- ___ Clear
- x Cloudy
- ___ Muddy

Water Color:
- x Dark Brown
- ___ Light Brown
- ___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		
gravel: 5.0 - 53mm; pea size to fist size		10
rubble: 53 - 180mm: fist size to head size		90
boulder: 460mm and larger		

Shoreline Description: _____

Spawning Area

Type:			Nursery Area Type:		
	Good:	___ m		Good:	___ m
x Salmonid	Fair:	___ m	x Salmonid	Fair:	___ m
x Warmwater	x Poor:	20 m	x Warmwater	x Poor:	20 m

Water Temperature: _____C

Air Temperature: _____C

Bank Cover:
__X__Open
___Meduim
___Danse

Shoreline Condition:
___Grasses
___Shrubs
___Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 30 m Right 30 m

Fish Presence: unk

Fish Species	Observed	Reported	Number of Mortalities Observed
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No __X__Unknown

If so describe _____

_____

_____

Is this site typical of the adjacent stream area? ___Yes __X__No

Other Information Taken:
___Water Samples __X__Photographs ___Fish Samples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: clean up garbage

_____

_____

Action Taken:
___Further Inspection On: Clean up

__X__Contacting Owner

___Alerting DFO

___Alerting DNR

___No Further Inspection

Alteration Number: 2643-87

Type: 23 Region FUNDY

Inspected By: TERRY Date: 12/8/87

Applicant: GORDON ELDRIDGE Phone #: 456-3354

Address: BEAVER HARBOUR

Name of Watercourse: THE BASIN Tributary: BEAVER HARBOUR

County: CHARLOTTE Parish: PENNFIELD

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- X Prior to Disturbance
- ___ During Disturbance
- ___ After Disturbance

Work Site Description:
Section Type:
- ___ Riffle
- ___ Run
- ___ Pool - Max. Depth: _____
- X Other: TIDAL BAY

Section Length: 50 m
Bank to Bank Width: 30 m
Average Depth: 3 m
Est. Water Flow: TIDAL m3/s
Avg. Width of Channel: 30 m

Water Level:
- ___ Low
- ___ Medium
- ___ High

Water Clarity:
- X Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- ___ Dark Brown
- ___ Light Brown
- X Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		15
gravel: 5.0 - 53mm; pea size to fist size		80
rubble: 53 - 180mm: fist size to head size		5
boulder: 460mm and larger		

Shoreline Description: STEEP BANKS

Spawning Area
Type:
- X Salmonid
- ___ Warmwater

Good: 100 m
Fair: _____ m
Poor: _____ m

Nursery Area
Type:
- X Salmonid
- ___ Warmwater

Good: 100 m
Fair: _____ m
Poor: _____ m

Water Temperature: 17 C

Air Temperature: 20 C

Bank Cover:
___Open
_x_Meduim
___Dense

Shoreline Condition:
_x_Grasses
___Shrubs
_x_Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 30 m Right 30 m

Fish Presence: none

Fish Species	Observed	Reported	Number of Mortalities Observed

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes _x_No ___Unknown

If so describe _____

Is this site typical of the adjacent stream area? ___Yes ___No

Other Information Taken:
___Water Samples _x_Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

Action Taken:
___Further Inspection On: during construction
___Contacting Owner
___Alerting DFO
___Alerting DNR
___No Further Inspection

Alteration Number: 2375-86

Type: L D Region FUNDY

Inspected By: TERRY Date: 12/5/87

Applicant: ST. CROIX PULPWOOD Phone #: 994-2866

Address: RR#1 McADAM

Name of Watercourse: DUCK BROOK Tributary: MAGAGUADAVIC LAKE

County: YORK Parish: DUMFRIES

Type of Inspection:
x General
___ "No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
___ Prior to Disturbance
___ During Disturbance
x After Disturbance

Work Site Description:
Section Type: ___ Riffle
x Run
x Pool - Max. Depth: 2m
___ Other: _____

Section Length: 20 m
Bank to Bank Width: 1 m
Average Depth: 0.5 m
Est. Water Flow: 1 m3/s
Avg. Width of Channel: 1 m

Water Level:
x Low
___ Medium
___ High

Water Clarity:
x Clear
___ Cloudy
___ Muddy

Water Color:
x Dark Brown
___ Light Brown
___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		5
gravel: 5.0 - 53mm; pea size to fist size		15
rubble: 53 - 180mm: fist size to head size		50
boulder: 460mm and larger		30

Shoreline Description: ROCKS & TREES

Spawning Area
Type:
x Salmonid
x Warmwater
x Good: 15 m
___ Fair: _____ m
___ Poor: _____ m

Nursery Area
Type:
x Salmonid
x Warmwater
x Good: 15 m
___ Fair: _____ m
___ Poor: _____ m

Water Temperature: 18 C

Air Temperature: 23 C

Bank Cover:
___Open
_X_Medium
___Dense

Shoreline Condition:
___Grasses
_X_Shrubs
_X_Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 15 m Right 10 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
BROOK TROUT		X	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes ___No _X_Unknown

If so describe _____

Is this site typical of the adjacent stream area? _X_Yes ___No

Other Information Taken:
___Water Samples _X_Photographs ___Fish Sammples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
_X_No Further Inspection

Alteration Number: 2390-86

Type: IG Region FUNDY

Inspected By: TERRY Date: 13/8/87

Applicant: JOHN FULLERTON Phone #: 847-8111

Address: 5 SAUNDERS DRIVE, GRANDVIEW POINT

Name of Watercourse: COLTON BROOK Tributary: PALMER BROOK

County: KINGS Parish: ROTHESAY

Type of Inspection:
- X General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- ___ During Disturbance
- X After Disturbance

Work Site Description:
Section Type: ___ Riffle
- X Run
- ___ Pool - Max. Depth: _____
- ___ Other: _____

Section Length: 10 m
Bank to Bank Width: 1 m
Average Depth: _____ m
Est. Water Flow: 0.5 m3/s
Avg. Width of Channel: 1 m

Water Level:
- X Low
- ___ Medium
- ___ High

Water Clarity:
- X Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- ___ Dark Brown
- ___ Light Brown
- X Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		80
sand: 0.025 - 2.5mm; gritty texture		20
gravel: 5.0 - 53mm; pea size to fist size		
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: dead end access

Spawning Area

Type:			
	___ Good:	_____	m
X Salmonid	___ Fair:	_____	m
X Warmwater	X Poor:	10	m

Nursery Area

Type:			
	___ Good:	_____	m
X Salmonid	___ Fair:	_____	m
X Warmwater	X Poor:	10	m

Water Temperature: 20 C Air Temperature: _____ C

Bank Cover:
___Open
__Xeduim
__XDense

Shoreline Condition:
__XGrasses
___Shrubs
__XTrees
___Eroding Bank

Height of Bank Viewing Downstream: Left 10 m Right _____ m

Fish Presence: unk

Fish Species	Observed	Reported	Number of Mortalities Observed

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? X Yes ___No ___Unknown

If so describe grill work at entrance & culvert

Is this site typical of the adjacent stream area? X Yes ___No

Other Information Taken:
___Water Samples X Photographs ___Fish Samples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: Clean entrances & culverts

Action Taken:
___Further Inspection On: _____
___Contacting Owner
___Alerting DFO
___Alerting DNR
X No Furtner Inspection

Alteration Number: 2319-87

Type: LG Region FUNDY

Inspected By: JERRY Date: 13/8/87

Applicant: [redacted] OF QUISPAMSIS Phone #: 847-8878

Address: P.O. Box 459 ROTHESAY

Name of Watercourse: SALMON CREEK Tributary: KENNEBECASIS RIVER

County: KINGS Parish: ROTHESAY

Type of Inspection:
- x General
- ___ "No Permit" Violation
- ___ Pollution (specify): _____

Timing of Inspection:
- ___ Prior to Disturbance
- x During Disturbance
- ___ After Disturbance

Work Site Description:
Section Type: ___ Riffle
- x Run
- ___ Pool - Max. Depth: _____
- x Other: entrance to lake

Section Length: 30 m
Bank to Bank Width: 1 m
Average Depth: 0.5 m
Est. Water Flow: — m3/s
Avg. Width of Channel: 1 m

Water Level:
- x Low
- ___ Medium
- ___ High

Water Clarity:
- x Clear
- ___ Cloudy
- ___ Muddy

Water Color:
- x Dark Brown
- ___ Light Brown
- ___ Clear

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		20
silt: 0.005 - 0.05mm; dust size		40
sand: 0.025 - 2.5mm; gritty texture		40
gravel: 5.0 - 53mm; pea size to fist size		
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: Grassy grass

Spawning Area

Type:		
	Good:	___ m
x Salmonid	Fair:	___ m
x Warmwater	x Poor:	20 m

Nursery Area

Type:		
	Good:	___ m
x Salmonid	x Fair:	20 m
x Warmwater	x Poor:	___ m

Water Temperature: 20 C

Air Temperature: 25 C

Bank Cover:
___Open
_x_Reduim
___Dense

Shoreline Condition:
_x_Grasses
_x_Shrubs
_x_Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left 5 m Right 10 m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
unknown			

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? _x_Yes ___No ___Unknown

If so describe concrete dam & large sediment in front of culverts

Is this site typical of the adjacent stream area? ___Yes ___No

Other Information Taken:
___Water Samples _x_Photographs ___Fish Samples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: check for hydrosuding and remove dam

Action Taken:
_x_Further Inspection On: 27/8/87
___Contacting Owner
___Alerting DFO
___Alerting DNR
___No Further Inspection

Alteration Number: 2579-86

Type: RG Region GULF

Inspected By: TERRY Date: 01/09/87

Applicant: ROGER CHAISON Phone #: 727-6753

Address: C.P. 41 R45 - CARAQUET

Name of Watercourse: RUISSEAU À OSTAS Tributary: RUISSEAU À 3. VERT

County: GLOUCESTER Parish: CARAQUET

Type of Inspection:
X General
___ "No Permit" Violation
___ Pollution (specify): _____

Timing of Inspection:
___ Prior to Disturbance
X During Disturbance
___ After Disturbance

Work Site Description:
Section Type: ___ Riffle
___ Run
X Pool - Max. Depth: _____
___ Other: _____
_____

Section Length: _____ m
Bank to Bank Width: 3 m
Average Depth: 30 m
Est. Water Flow: Ø m3/s
Avg. Width of Channel: Ø m

Water Level: NONE
___ Low
___ Medium
___ High

Water Clarity:
___ Clear
___ Cloudy
___ Muddy

Water Color:
___ Dark Brown
___ Light Brown
___ Clear

not completed

Observed Bottom Material:	Bottom not Visible	% of Stream Bottom
detrius: composed of small organic particles like sawdust, sticks, leaves, etc.		
clay: no structure, greasy feel between fingers		
silt: 0.005 - 0.05mm; dust size		
sand: 0.025 - 2.5mm; gritty texture		
gravel: 5.0 - 53mm; pea size to fist size		
rubble: 53 - 180mm: fist size to head size		
boulder: 460mm and larger		

Shoreline Description: _____

_____

Spawning Area
Type:
___ Salmonid
___ Warmwater
___ Good: _____ m
___ Fair: _____ m
___ Poor: _____ m

Nursery Area
Type:
___ Salmonid
___ Warmwater
___ Good: _____ m
___ Fair: _____ m
___ Poor: _____ m

Water Temperature: _____C

Air Temperature: _____C

Bank Cover:
___Open
___Meduim
_x_Dense

Shoreline Condition:
_x_Grasses
_x_Shrubs
_x_Trees
___Eroding Bank

Height of Bank Viewing Downstream: Left _____m Right _____m

Fish Presence:

Fish Species	Observed	Reported	Number of Mortalities Observed
Brook Trout		x	
Dace		x	

Is there a man-made or natural obstruction to fish passage downstream or upstream of this site? ___Yes _x_No ___Unknown

If so describe _____

Is this site typical of the adjacent stream area? _x_Yes ___No

Other Information Taken:
___Water Samples _x_Photographs ___Fish Samples
___Aquatic Insects ___Violation Report Completed

Comments and Recommendations: _____

Action Taken:
_x_Further Inspection On: Later
___Contacting Owner
___Alerting DFO
___Alerting DNR
___No Further Inspection